REMEDIAL INVESTIGATION REPORT

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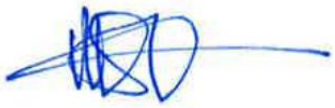
WILLOUGHBY CONVERSION PROJECT
1250 Willoughby Avenue
Brooklyn, New York
Block 3210, Lot 16
NYSDEC BCP Site No. C224420

Prepared for:

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24 June 2026
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LANGAN

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LIST OF ACRONYMS

Acronym	Definition
1,1,1-TCA	1,1,1-Trichloroethane
ALS	ALS Global Services
AOC	Area of Concern
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
bgs	Below Grade Surface
CAMP	Community Air Monitoring Program
CHASP	Construction Health and Safety Plan
COC	Contaminant of Concern
CSM	Conceptual Site Model
CU	Commercial Use
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EIMS	Environmental Information Management System
el	Elevation
ELAP	Environmental Laboratory Approval Program
EQuIS	Environmental Quality Information Systems
ESA	Environmental Site Assessment
eV	Electron volt
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FWRIA	Fish and Wildlife Resources Impact Analysis
HASP	Health and Safety Plan
ICP	Inductively Coupled Plasma
IDW	Investigation Derived Waste
MS/MSD	Matrix Spike/Matrix Spike Duplicate
Msl	Mean Sea Level
NAVD88	North American Vertical Datum of 1988
NYCRR	New York Codes, Rules, and Regulations
NYSDOH	New York State Department of Health

Acronym	Definition
1,1,1-TCA	1,1,1-Trichloroethane
NYSDEC	New York State Department of Environmental Conservation
PAOC	Potential Area of Concern
PCB	Polychlorinated Biphenyl
PCE	Tetrachoroethene
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PGW	Protection of Groundwater
PID	Photoionization Detector
PPE	Personal Protective Equipment
ppm	Parts per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RL	Reporting Limit
RR	Restricted Use Restricted-Residential
SCO	Soil Cleanup Objective
SGVs	Standards and Guidance Values
SMD	Sub-Membrane Depressurization
SMP	Site Management Plan
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
µg/L	Microgram per liter
UN/DOT	United Nations/Department of Transportation
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey

Acronym	Definition
1,1,1-TCA	1,1,1-Trichloroethane
UST	Underground Storage Tank
UU	Unrestricted Use
VOC	Volatile Organic Compound

CERTIFICATION

I, Ryan Manderbach, CHMM, certify that I am currently a New York State registered Qualified Environmental Professional as defined in 6 New York Codes, Rules, and Regulations Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Ryan Manderbach, CHMM

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C (Langan) on behalf of 1250 Willoughby Owner LLC and 1250 Willoughby Manager LLC (the Volunteers) for the property known as Willoughby Conversion Project and located at 1250 Willoughby Avenue in Brooklyn, New York (the site). The Volunteer will remediate the site concurrently with site redevelopment under the New York State Brownfield Cleanup Program (BCP), pursuant to a Brownfield Cleanup Agreement (BCA) for BCP Site No. C224420, dated July 10, 2025.

The site is identified as Block 3210, Lot 16 on the Brooklyn Borough Tax Map. The site occupies an area of approximately 15,000 square feet (0.34 acres) and contains an asphalt-paved parking lot that is currently vacant and surrounded by buildings and chain-link fencing to prevent access by the public.

This RIR presents environmental data and findings from a remedial investigation (RI) that was completed between 5 and 21 November 2025. The investigation included advancement of soil borings; installation of groundwater monitoring wells; installation of soil vapor sample points; and collection of soil, groundwater, soil vapor, and ambient air samples for laboratory analysis.

The objectives of the RI are listed below.

- Define the nature and extent of contamination in all media at the site
- Generate sufficient data to evaluate remedial action alternatives
- Generate sufficient data to evaluate actual and potential threats to human health and the environment

The remainder of this RIR is organized as follows:

- Section 2.0 describes the site background including site setting, the physical characteristics of the site, previous reports, and the proposed redevelopment plan
- Section 3.0 presents the RI field sampling procedures
- Section 4.0 describes the RI field observations and analytical results
- Section 5.0 presents an assessment of the exposure risks of site contaminants to human, fish, and wildlife receptors
- Section 6.0 presents the nature and extent of contamination in all sampled media as determined through the field investigation and analysis of environmental samples
- Section 7.0 summarizes the results of the investigation and presents conclusions based on field observations and analytical results
- Section 8.0 presents the references used in preparation of this report

2.0 BACKGROUND

2.1 Site Location and Description

The approximately 15,000-square-foot site is located at 1250 Willoughby Avenue in the Bushwick neighborhood of Brooklyn, New York and is identified on the Brooklyn Tax Map as Tax Block 3210, Lot 16. The site contains an asphalt-paved parking lot that is currently vacant and is surrounded by buildings and/or chain-link fencing to prevent access by the public. A site location map is included as Figure 1.

The site is bound by an industrial/manufacturing facility followed by residential and commercial properties to the north; a multi-tenant industrial building to the east; a private residential property followed by a public school (P.S. 123) to the south; and Willoughby Avenue followed by a restaurant supply business to the west. The area surrounding the site consists of residential, commercial, and industrial properties. A site layout map is provided as Figure 2.

2.2 Site History

2.2.1 Historical Site Use

According to Sanborn and topographic maps, the site was partially developed with residential dwellings as early as 1888. Throughout the early 1900s the site was developed with additional dwellings with single garages and commercial and industrial operations, including a thermometer factory (1907), an eye-glass factory (1933), and a radio repair business (1951). Six dwellings and two commercial businesses occupied the site in 1933. By 1968, the central portion of the site was vacant and three dwellings occupied the northern and southern portions of the site. The remaining buildings were demolished by 1973, except for a single garage on the southern portion of the site that was removed by 1986. Unimproved areas of the site were used as a parking lot between at least 1974 and 2025.

2.2.2 Previous Environmental Reports

The following previous environmental reports were prepared for the site and are summarized below.

- *Phase I Environmental Site Assessment (ESA) Report – 1250 Willoughby Avenue, prepared by CA Rich Consultants, Inc. (CA Rich), dated May 2013*
- *Phase II Environmental Site Investigation (ESI) Report – 1250 Willoughby Avenue, prepared by CA Rich, dated June 2013*
- *Phase I ESA Report – 1250 Willoughby Avenue, prepared by GEI Consultants, dated November 2017*
- *Phase I ESA Report – 1250 Willoughby Avenue, prepared by Langan, dated February 2024*

- *Limited Subsurface Investigation (LSI) Report – 1250 Willoughby Avenue, prepared by Langan, dated January 2025*

Recognized Environmental Conditions (May 2013/February 2024 Phase I ESAs)

According to the Phase I ESAs, the site was developed with dwellings with single garages and buildings used for various commercial and industrial operations between the early 1900s and 1973, including a thermometer factory (1907), a celluloid eyeglass frames manufacturing building (1933), and a radio repair business (1951). Industrial and commercial development in the surrounding area starting in the early 1900s included facilities used for electroplating (1951 to at least 2018), carpet manufacturing (1968 to at least 2007), garment manufacturing (1933 to 1980), furniture manufacturing (1996 to present), vehicle garages (1933 to 1965), metal spraying and plating (1981 to present) and other manufacturers of various products (i.e. food, wires, appliances, boilers and lighting fixtures). The eastern adjoining facility contained petroleum bulk storage since at least 1951. The Phase I ESAs identified confirmed and potential subsurface impacts attributed to the historical on-site thermometer factory and other historical commercial and industrial uses as a recognized environmental condition (REC). Potential impacts associated with undocumented releases from historical and current operations at adjoining and surrounding properties were also an identified REC.

Phase II ESI, dated June 2013

CA Rich completed a Phase II ESI to investigate potential impacts from historical on- and off-site uses. Mercury was detected in soil from 0 to 5 feet below grade surface (bgs) in the vicinity of the historical thermometer factory on the southwestern part of the site at 14.8 milligrams per kilogram (mg/kg), which exceeds the NYSDEC Part 375 Commercial Use (CU) Soil Cleanup Objective (SCO) for mercury of 1.1 mg/kg. Analysis of the same sample via the Toxicity Characteristic Leaching Procedure (TCLP) did not identify exceedances of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste Limits.

Total mercury was detected in groundwater at a maximum concentration of 4.22 micrograms per liter (µg/L), which exceeds the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standard for Class GA Water for mercury; however, dissolved-phase mercury was not detected in groundwater. The Phase II ESI also identified dissolved-phase iron, manganese, and sodium in groundwater at concentrations above the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (collectively referred to as "NYSDEC SGVs").

Limited Subsurface Investigation, dated January 2025

Langan conducted a subsurface investigation on 3 and 4 December 2024 to evaluate potential impacts to soil, groundwater, and soil vapor resulting from historical on- and off-site uses. The investigation included a geophysical survey; advancement of 9 soil borings; installation of 1

temporary groundwater monitoring well and 6 temporary soil vapor sampling points; and collection of 12 soil, 1 groundwater, 6 soil vapor, and 1 ambient air samples.

The results are summarized as follows:

Geophysical Survey - A geophysical survey conducted across accessible areas of the site identified subsurface anomalies indicative of buried utilities (e.g., electric and sewer) and potential buried rubble, abandoned pipes, and other unidentified utilities. Anomalies consistent with underground storage tanks (USTs) were not identified.

Soil - The asphalt pavement is underlain by approximately 12 to 13 feet of non-native soil, which predominantly consists of fine- to medium-grained sand with varying amounts of silt, gravel, brick, glass, coal, and metal fragments. Fine- to medium-grained sand with traces of silt and gravel was observed below the non-native soil layer.

Samples of non-native soil contained semivolatile organic compounds (SVOC) and metals at concentrations above the Part 375 Restricted Use Restricted-Residential (RR) SCOs. One soil sample collected from the southeastern part of the site contained three SVOCs (benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene) at concentrations above RR SCOs. Benzo(a)pyrene was also detected in the same sample at a concentration above its Part 375 commercial use (CU) SCO. Four metals (arsenic, copper, lead, and mercury) exceeded the RR and/or CU SCOs in non-native soil samples throughout the site. Mercury exceeded the RR SCO in 8 of 12 of the soil samples and exceeded the CU SCO in 2 of 12 samples. The highest mercury concentration (6.34 mg/kg) was detected in the central part of the site.

Groundwater - Groundwater in the northern part of the site contained one volatile organic compound (VOC) (tetrachloroethene [PCE]) and one dissolved metal (sodium) at concentrations above the NYSDEC SGVs.

Soil Vapor - No regulatory standard currently exists for soil vapor samples in New York State. Petroleum-related compounds and chlorinated solvents were detected in soil vapor samples. Total benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations were between 32.8 and 2,448.4 micrograms per cubic meter (µg/m^3). Total chlorinated VOC (CVOC) concentrations were between 1.52 and 88 µg/m^3. The highest detected concentrations of PCE and trichloroethene (TCE) were 46.4 µg/m^3 and 26.1 µg/m^3, respectively.

2.3 Site Physical Conditions

2.3.1 Topography

According to the 29 October 2024 Site Survey prepared by Montrose Surveying Co., LLP, the site elevation is between elevation (el.) 36.48 (relative to the North American Vertical Datum of 1988 [NAVD88]) in the northwestern part of the site and el. 38.14 in the northeastern part of the site. According to the 2017 United States Geological Survey (USGS) 7.5-minute quadrangle

topographic map for Brooklyn, the regional topography slopes downward to the northwest toward Newtown Creek, which is located approximately 0.5 mile northwest of the site.

2.3.2 Regional and Site Geology

The site stratigraphy generally consists of non-native soil comprised of fine- to medium-grained sand with varying amounts of silt, clay, gravel and anthropogenic materials (brick, metal, coal ash, concrete, plastics and ceramics) extending from grade surface (or from immediately below the existing asphalt cover) to depths between 9 and 16 feet bgs. The non-native soil layer is underlain by fine sand with some silt and varying amounts of gravel. Bedrock has not been encountered in soil borings at the site to a maximum depth of 35 feet bgs and is estimated to be over 100 feet bgs.

2.3.3 Regional and Site Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flow toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetative cover, and coverage by impervious surfaces. Other factors influencing groundwater include the thickness of fill and variability in local geology and groundwater sources or sinks. Groundwater in Brooklyn is not used as a potable water source. Potable water is provided by the City of New York and is derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

Depth to groundwater at the site was observed during the RI between 28 and 29 feet bgs, and groundwater elevation was between el. 7.58 and 8.17. The groundwater elevation data indicates that groundwater at the site generally flows towards the northwest. A groundwater contour map is provided in Figure 3.

2.3.4 Wetlands and Floodplain

According to the United States Fish & Wildlife Service National Wetlands Inventory and the NYSDEC regulated wetlands map, there are no wetlands at or adjacent to the site. The nearest wetland is Newtown Creek, which is approximately 0.5 mile northwest of the site. According to preliminary Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) No. 3604970208G, the site is not located within a flood zone.

2.4 Proposed Redevelopment Plan

The proposed redevelopment, which is known as the Willoughby Conversion Project, includes removal of paved surfaces and contaminated soil/fill to accommodate construction of a new

12-story, mixed-use building with an approximate footprint of 8,850 square feet and a partial cellar. The cellar will consist of utility rooms and building amenities; the first floor will contain a lobby, amenities, retail commercial space, and 100% affordable housing residential units; and the upper floors will contain 100% affordable housing residential units. The remainder of the site will consist of an approximately 5,250-square-foot rear yard on the eastern side of the site, and an approximately 900-square-foot ingress/egress setback along the sidewalk on the western side of the site. The contemplated use for purposes of the BCP would be restricted residential. The proposed redevelopment plans are included as Appendix A.

2.5 Potential Areas of Concern

Based on the site history and previous reports, four potential areas of concern (PAOC) were identified to be further investigated during the RI. The PAOCs are described below.

PAOC 1: Mercury Impacts in Soil

Mercury was identified in non-native soil between 0.5 and 12.5 feet bgs throughout the site at concentrations above the RR SCOs. Mercury impacts in non-native soil are attributed to historical site uses, including a thermometer factory and non-native soil quality (PAOC 3).

PAOC 2: CVOC Impacts in Soil Vapor

The CVOCs PCE and TCE were detected in soil vapor samples throughout the site. CVOC impacts in soil vapor are attributed to on- and/or off-site historical uses.

PAOC 3: Non-Native Soil

Non-native soil extends from below the surface cover to between 5 and 16 feet bgs and consists of fine- to medium-grained sand with varying amounts of silt, clay, gravel, and anthropogenic materials (gravel, brick, glass, metal, and coal). SVOCs and metals detected in the non-native soil at concentrations above the RR SCOs are attributed to the non-native soil quality; mercury detections are also attributed to historical site use (PAOC 1).

PAOC 4: Off-Site Current and Historical Uses

Current and historical operations at adjoining and surrounding properties include electroplating (1951 to at least 2007), carpet manufacturing (1968 to present), garment manufacturing (1933 to 1980), furniture manufacturing (1996 to present), metal spraying and plating (1981 to present) and other manufacturers of various products (i.e. food, wires, appliances, boilers, and lighting fixtures). Potential undocumented releases on adjoining and surrounding properties may have impacted groundwater and soil vapor at the site.

3.0 FIELD INVESTIGATION

Langan conducted the RI from 5 through 21 November 2025 to investigate and characterize the nature and extent of contamination at the site. The RI included the following scope of work:

Soil Borings and Sampling

- Advancement of seven soil borings (SB10 through SB15 and SB18) to about 28 feet bgs
- Advancement of two soil borings (SB16 and SB17) to at least 14 feet bgs to delineate previously detected mercury impacts
- Field screening of soil borings for environmental impacts using visual and olfactory methods and with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) bulb
- Collection of 27 soil samples (plus 8 quality assurance/quality control [QA/QC] samples) for laboratory analysis

Monitoring Well Installation and Sampling

- Installation of four permanent groundwater monitoring wells (MW10, MW11, MW13, and MW15) to about 35 feet bgs
- Collection of one groundwater sample from each groundwater monitoring well (plus seven QA/QC samples) for laboratory analysis
- Elevation survey and gauging of monitoring wells to evaluate groundwater elevations and flow direction

Soil Vapor Sampling

- Installation of four temporary soil vapor sample points to about 12 feet bgs
- Collection of one soil vapor sample from each sample point (plus one QA/QC ambient air sample) for laboratory analysis

Sample locations are shown on Figure 4, and a sample collection summary is provided as Table 1.

3.1 Geophysical Survey and Utility Location

A geophysical survey was completed during Langan's December 2024 LSI. The survey included accessible areas of the site and identified subsurface anomalies indicative of buried construction and demolition debris, buried utilities (e.g., electric and sewer lines), abandoned pipes, and other unidentified utilities. Anomalies consistent with USTs were not identified. The geophysical survey report is provided in Appendix B.

3.2 Soil Investigation

3.2.1 Investigation Methodology

Lakewood Environmental Services Corp. (Lakewood) advanced nine soil borings from 5 through 12 November 2025 under the observation of Langan field personnel. Seven borings (SB10 through SB15 and SB18) were advanced from grade surface to about 28 feet bgs, and two borings (SB16 and SB17) were advanced from grade surface to at least 14 feet bgs. The soil borings were pre-cleared to 5 feet bgs using hand tools and then advanced below 5 feet bgs with a track-mounted Geoprobe® 66 DT direct-push drill rig. Langan characterized and documented soil recovered from the borings and collected soil samples. All soil samples were collected into MacroCore® samplers lined with 4-foot-long dedicated acetate sleeves. Langan field personnel maintained a field log documenting soil observation, including screening with a PID equipped with a 10.6 electron volt lamp, inspection for visual and olfactory evidence of contamination, and classification for color, grain size, texture, and moisture content. Following sample collection, four of the boreholes (SB10, SB11, SB13, and SB15) were converted into permanent groundwater monitoring wells; all remaining boreholes were backfilled with soil cuttings from the boring of origin or clean sand. Soil boring locations are shown on Figure 4 and soil boring logs documenting field observations are included in Appendix C.

3.2.2 Sampling Methodology and Rationale

Twenty-seven soil samples were collected during the soil investigation. Three grab samples were collected from each of borings SB10 through SB15 and SB18 to investigate the PAOCs. Samples were collected as follows:

- One representative non-native soil sample was collected from within the 0-to-5-foot bgs depth interval.
- One sample was collected at the groundwater interface.
- One sample was collected from the depth interval exhibiting the greatest degree of contamination, based on the presence of staining, odor, and/or PID readings above background, or from the native soil interval immediately below the non-native soil layer if evidence of impacts was not observed.

Two samples were collected from each of boring SB16 and SB17 and two additional samples were collected from boring SB10 (6 total samples) from the 11-to-12-foot and 13-to-14-foot intervals to delineate mercury impacts documented during the December 2024 LSI.

Samples submitted for VOC analysis were collected directly from the acetate liner by Terra Core® samplers.

The soil samples were collected into laboratory-supplied containers, which were sealed, labeled, and placed in an ice-chilled cooler (to attempt to maintain a temperature of about 4°C), and transported via courier service to ALS Global Services (ALS) under standard chain-of-custody protocol. ALS is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Stratford, Connecticut (ELAP No. 10854).

Soil samples collected from borings SB10 through SB15 and SB18 were analyzed for the following parameters:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Methods 8260D/5035
- TCL SVOCs by USEPA Method 8270E
- Polychlorinated biphenyls (PCB) by USEPA Method 8082A
- Target Analyte List (TAL) metals (including cyanide and hexavalent and trivalent chromium) by USEPA Methods 6010D/7471B/7473/9014/9010C/7196A
- Pesticides and herbicides by USEPA Methods 8081B and 8151A, respectively
- Per- and polyfluoroalkyl substances (PFAS) 40-compound list by USEPA Method 1633A
- 1,4-dioxane via UESPA Method 8270E SIM

Soil samples collected from borings SB16 and SB17, and two samples from boring SB10 were analyzed for total mercury only by USEPA Method 7471B. A soil sample collection summary is provided in Table 1.

3.3 Groundwater Investigation

3.3.1 Monitoring Well Installation and Development Methodology

Four soil borings (SB10, SB11, SB13, and SB15) were converted to permanent groundwater monitoring wells MW10, MW11, MW13, and MW15. The wells were constructed using 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, and 10-foot-long well screens that terminate at about 35 feet bgs, which corresponds to about 7 feet below the observed groundwater table. The wells were installed within 3.75-inch-diameter boreholes, per the RIWP. Clean sand (e.g., Morie No. 2) was used to fill the annulus around the screens up to about 2 feet above the top of the screened interval. A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was backfilled with drill cuttings with no evidence of chemical or petroleum impacts (i.e., staining, odors, or PID readings above background conditions) and/or Morie No. 2 sand to within 12 inches of the surface. The monitoring wells were finished at the surface with flush-mounted access covers. Monitoring well locations are

shown on Figure 4 and monitoring well construction details are provided in Appendix D and summarized in Table 2.

3.3.2 Monitoring Well Survey

Langan completed an elevation survey of the groundwater monitoring wells on 5 December 2025. Elevations for the top of casing, top of manhole cover, and adjacent ground elevation were surveyed for each well and referenced to NAVD88. Elevations for the top of the casing were collected from the northern edge of each well casing.

3.3.3 Monitoring Well Gauging and Groundwater Sampling

Groundwater monitoring wells were sampled at least one week after development, and gauging was conducted on 20 November 2025. Depth to groundwater was measured to the nearest 0.01 foot with a Solinst® water level meter after groundwater sampling. Depth to groundwater measurements ranged from 27.78 feet bgs in MW13 to 28.68 feet bgs in MW11. Groundwater elevations ranged from el. 8.21 (MW13) in the southeastern part of the site to el. 7.62 (MW11) in the western part of the site. Water level measurements and groundwater elevations are summarized in Table 2, and groundwater contours are shown on Figure 3.

Before sampling, the headspace of each monitoring well was screened with a PID. Samples were collected in accordance with the USEPA low-flow groundwater sampling procedure ("Low Stress [low-flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells," dated 30 July 1996 and revised 19 September 2017) to allow for collection of representative samples. Prior to sample collection, groundwater was purged from each well while groundwater parameters (pH, conductivity, turbidity, dissolved oxygen [DO], temperature, and oxidation-reduction potential [ORP]) were measured. Groundwater was purged until water quality parameters were stable[1] or until the well was purged for one hour. Stabilization was achieved in two monitoring wells (MW11 and MW15). Depth to water was not measured prior to sampling because of possible PFAS cross contamination from the oil-water interface probe. Groundwater sampling logs are included in Appendix D. Purged groundwater was containerized in a labeled 55-gallon steel drum for off-site disposal.

One groundwater sample (plus one duplicate sample) was collected from each monitoring well for laboratory analysis. The samples were collected into laboratory-supplied containers and were sealed, labeled, placed in an ice-chilled cooler (to attempt to maintain a temperature of about 4°C), and transported via courier service to ALS for analysis. Samples submitted for dissolved

[1] Stabilization is achieved when three consecutive readings show a variation of ≤1% for pH, ≤3% for conductivity and temperature, ≤10% for DO, ≤10 millivolts (mV) for ORP, and turbidity remains ≤10 nephelometric turbidity units (NTU).

metal analysis were filtered in the field using a 0.45-micron filter. Groundwater samples were analyzed using the latest EPA methods as follows for NYSDEC Part 375 list parameters:

- TCL VOCs by USEPA Method 8260D
- TCL SVOCs by USEPA Method 8270E/8270E SIM isotope dilution
- PCBs by USEPA Method 8082A
- Total (unfiltered) and dissolved (field filtered) metals (including cyanide and hexavalent and trivalent chromium) by USEPA Method 6010D/6020B/7470/7196A/SM 4500-CN C-2016 / E-2016
- Pesticides and herbicides by USEPA Methods 8081B and 8151A, respectively
- PFAS (40-compound list) by USEPA Method 1633A

A groundwater sample collection summary is provided in Table 1.

3.4 Soil Vapor Investigation

3.4.1 Soil Vapor Point Installation and Methodology

Four temporary soil vapor sample points (SV10, SV11, SV13, and SV15) were installed using direct-push technology in accordance with the NYSDOH's Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006, with updates).

Soil vapor points were installed by advancing a probe implant to about 12 feet bgs (i.e., the anticipated maximum depth of the future building cellar). The soil vapor collection points consisted of a 1.875-inch polyethylene implant with inert sample tubing (e.g., Teflon or Teflon-lined polyethylene). The annulus (i.e., the sampling zone) around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor points. Soil vapor sampling locations are shown on Figure 4.

3.4.2 Soil Vapor Sampling

Before collecting vapor samples, a minimum of three implant volumes (i.e., the volume of the sample probe and tubing) were purged from each sample port at a rate of 0.2 liters per minute using a RAE Systems MultiRAE Plus meter. The purged soil vapor was monitored for VOCs with the MultiRAE Plus meter during purging.

A helium tracer gas was used in accordance with NYSDOH protocols to serve as a QA/QC technique to document the integrity of the vapor sampling point seal before sampling. The tracer gas was introduced into a container placed above the sample tubing and sealed to the ground with bentonite; the container acted as a shroud for the vapor point and seal. Helium was

measured from the sampling tube and inside the container. Helium was not detected in the sampling tubing, confirming the integrity of the seal at each soil vapor sampling point.

Soil vapor and ambient air samples were collected into laboratory-supplied, batch-certified clean, 6-liter Summa canisters with flow controllers calibrated for a 2-hour sample interval.

The samples were collected, labeled, and transported via courier service to ALS for analysis. The samples were analyzed for VOCs by EPA Method TO-15. A soil vapor sample collection summary table is included in Table 1. Soil vapor construction and sampling logs are provided in Appendix E.

3.5 Quality Assurance and Quality Control Sampling

The following QA/QC samples were collected during the RI:

Soil QA/QC Samples

- Two duplicate samples
- Two matrix spike/matrix spike duplicate (MS/MSD) samples
- Two field blank samples

Groundwater QA/QC Samples

- One duplicate sample
- One MS/MSD sample
- One field blank sample (including PFAS)
- One PFAS field blank sample
- Two trip blank samples

Field duplicates were collected to assess the precision of the analytical methods relative to the sample matrix. Duplicates were collected from the same material as the primary sample by splitting the volume of homogenized sample collected in the field into two sample containers.

MS/MSD samples were collected to assess the effect of the sample matrix on the recovery of target compounds or target analytes. Similarly to duplicate samples, MS/MSD samples were collected from the same material as the primary sample by splitting the volume of homogenized sample collected in the field into three sample containers.

Field blanks were collected to determine the cleanliness of unused tubing, neoprene gloves and acetate liners used to collect groundwater and soil samples. Field blank samples consisted of deionized, distilled water or laboratory-supplied PFAS-free water (for PFAS-specific field blanks) that has passed through the sampling apparatus. Field blank samples were analyzed for the same list of analytes as the corresponding sampling event and sample matrix.

Trip blank samples were collected to assess the potential for contamination of the sample containers and samples during the trip from the laboratory to the field, and back to the laboratory for analysis. Trip blanks contained about 40 milliliters of acidic water (doped with hydrochloric

acid) that were sealed by the laboratory when the empty sample containers were shipped to the field and unsealed and analyzed by the laboratory when the sample shipment was received from the field. The trip blank samples were analyzed for VOCs and PFAS.

3.6 Data Validation

Laboratory analyses of soil, groundwater, and soil vapor samples were conducted by a NYSDOH ELAP-certified laboratory in accordance with EPA SW-846 methods and analytical data reports were consistent with the NYSDEC Analytical Services Protocol (ASP) Category B deliverable format. Environmental data was reported electronically using the database software application Environmental Quality Information Systems (EQuIS) as part of NYSDEC's Environmental Information Management System (EIMS).

QA/QC procedures required by the NYSDEC ASP and SW-846 methods, including initial and continuing instrument calibrations, surrogate compound spikes, and analysis of other samples (blanks and laboratory control samples) were followed.

The laboratory provided sample bottles, which were pre-cleaned and preserved in accordance with the SW-846 methods. Where there were differences in the SW-846 and NYSDEC ASP requirements, the NYSDEC ASP took precedence.

Data validation was performed in accordance with the EPA validation guidelines for organic and inorganic data review. Validation included the following:

- Verification of QC sample results (both qualitative and quantitative)
- Verification of sample results (both positive hits and non-detects)
- Recalculation of 10 percent of all investigative sample results
- Preparation of Data Usability Summary Reports (DUSR)

Laboratory analytical results from the RI (and from the December 2024 LSI) were reported in NYSDEC ASP Category B deliverable format and validated by Mr. Krzysztof Trafalski of Langan, a qualified data validator.

3.6.1 Data Usability Summary Reports

A DUSR was prepared for each sampling matrix for the Willoughby Conversion Project dataset; the DUSRs are included in Appendix H. The DUSRs present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method. For the soil and groundwater samples, the following items were assessed:

- Holding times
- Sample preservation

- Sample extraction and digestion
- Laboratory blanks
- Laboratory control samples
- System monitoring compounds
- MS/MSD recoveries
- Initial and continuing calibrations
- Target compound identification and quantification
- Instrument tune
- Internal standard area counts
- Dual column imprecision
- Contract-required detection limit standards
- Inductively Coupled Plasma (ICP) serial dilutions
- Field duplicate, trip blanks, and field blanks sample results
- Overall method performance

For the air samples, the following items were assessed:

- Holding times
- Initial and final canister pressurization
- Laboratory blanks
- Laboratory control samples
- System monitoring compounds
- Initial and continuing calibrations
- Internal standard area counts
- Target compound identification and quantification

Based on the results of data validation, the following qualifiers were assigned to the data in accordance with EPA's guidelines and best professional judgment:

- "U" – The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL), or the sample concentration results were impacted by blank contamination.
- "UJ" – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
- "J" – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- "R" – The sample results are not useable due to quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- "NJ" – The analysis indicates the presence of an analyte that has been "tentatively identified," and the associated numerical value represents its approximate concentration.
- No Flag – The results are accepted without qualification

3.7 Field Equipment Decontamination

Handheld sampling equipment, including the groundwater interface probe, was decontaminated wiping down the probe with Gojo scrubbing towels, followed by a deionized water rinse between wells. Direct contact of sampling equipment with the ground was avoided.

3.8 Investigation-Derived Waste Management

Investigation-derived waste (IDW) generated during the RI was properly handled and containerized. Groundwater from monitoring well development and purging and decontamination water were placed into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon steel drum with a sealed top. The drum was staged in a secured area on the west side of the site. The drum was staged in a secured area on site pending transport by a licensed waste hauler for disposal at an approved facility.

4.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section summarizes the field observations and laboratory analytical results from the RI conducted from 5 through 21 November 2025. This summary also includes data generated during the December 2024 LSI. Soil sample analytical results are compared to the Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU), RR, and Protection of Groundwater (PGW) SCOs. Groundwater sample analytical results are compared to the NYSDEC SGVs. No regulatory standard currently exists for soil vapor samples in New York State. The nature and extent of contamination is discussed separately in Section 6.0.

A complete list of the samples (soil, groundwater, soil vapor, and QA/QC samples) collected during the RI and LSI is provided as Table 1. A photographic log from the RI is included as Appendix F.

4.1 Geophysical Investigation Findings

A geophysical survey completed on 9 December 2024 during the LSI identified anomalies indicative of potential subsurface utilities, including an east-west trending sewer line and other unidentified linear structures beneath the asphalt on the site and extending under the Willoughby Avenue sidewalk. A gas line identified on the Willoughby Avenue sidewalk did not appear to enter the site. No anomalies consistent with a UST were identified. The geophysical survey report is provided in Appendix B.

4.2 Site Geology and Hydrogeology

This section describes geologic and hydrogeologic observations during the RI and LSI. Soil boring logs are provided in Appendix C.

4.2.1 Site Geology

4.2.1.1 Non-Native Soil

Non-native soil was observed from grade surface (or from immediately below the asphalt cover) to depths between about 9 feet bgs in the central part of the site to about 16 feet bgs in the southeastern corner of the site. Non-native soil generally consisted of fine- to medium-grained sand with varying amounts of silt, clay, gravel and anthropogenic materials (i.e., brick, metal, coal ash, concrete, construction debris, plastics and ceramics). Subsurface profiles for the site are provided in Figures 5 and 6.

4.2.1.2 Native Soil

A native soil layer consisting of fine sand with some silt and varying amounts of gravel was observed below the non-native soil layer throughout the site.

4.2.1.3 Bedrock

Bedrock was not encountered during the RI and LSI to a maximum boring termination depth of 35 feet bgs, and is estimated to be over 100 feet bgs.

4.2.2 Site Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetative cover, subsurface structures, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of non-native soil and variability in local geology, proximity to tidal waters, and groundwater sources or sinks.

Depth to groundwater at the site ranges from about 28 to 29 feet bgs and groundwater elevation ranges from about el. 7.6 to el. 8.2. Based on groundwater elevation data, groundwater at the site is inferred to flow to the northwest toward Newtown Creek. Water level measurements and groundwater elevations are summarized in Table 2, and a groundwater elevation contour map is provided as Figure 3.

4.3 Soil Findings

4.3.1 Field Observations

Chemical or petroleum impacts, evidenced by odor, staining, and/or PID readings above background levels were not observed in soil samples collected from the soil borings.

4.3.2 Analytical Results

Soil samples collected during the LSI and RI were analyzed for VOCs, SVOCs, pesticides, herbicides, PCBs, metals (including hexavalent and trivalent chromium), total cyanide, 1,4-dioxane, PFAS, and/or total mercury. A sample collection summary listing the analyses is provided as Table 1. Laboratory results are compared to the Part 375 UU, PGW, and RR SCOs. Laboratory results for soil samples, with comparisons to the UU, PGW, and RR SCOs are presented in Table 3 and shown on Figure 7. Laboratory analytical reports from the LSI and RI are included in Appendix G.

The analytical results are summarized below.

VOCs

One VOC was detected above the UU and PGW SCOs in soil samples collected from soil borings SB10 and SB18. The table below provides the concentration of acetone detected above the UU and PGW SCOs.

Analyte	NYSDEC Part 375 UU SCOs	NYSDEC Part 375 PGW SCOs	NYSDEC Part 375 RR SCOs	Unit	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
VOCs								
Acetone	**0.03**	0.03	100	mg/kg	**0.04**	**SB18_2-4**	**0.072**	**SB10_13-15**

The detections were reported with an "S" qualifier, which indicates possible laboratory solvent contamination in the sample.

PCE was detected in 7 of 37 soil samples that were submitted for VOC analysis at concentrations below the UU and PGW SCOs. Six of the seven detections were "J" qualified, indicating the concentrations were below the laboratory reporting limit and were therefore estimated by the laboratory. Six of the detections were in samples collected from between 0 and 7 feet bgs within the non-native soil; the remaining detection was in boring SB-12 from 24 to 26 feet bgs. Detected PCE concentrations in the soil samples ranged from 0.00021 ("J" qualified) to 0.019 mg/kg (UU and PGW SCO: 1.3 mg/kg).

SVOCs

SVOCs were detected above the UU, PGW, and/or RR SCOs in soil samples collected from soil borings SB05, SB12, SB14, SB15, and SB18. The table below provides concentration ranges of SVOCs that were detected above the UU, PGW, and RR SCOs. SVOC concentrations above the UU SCOs are shown in **bold**, above the PGW are shaded, and above the RR are underlined.

Analyte	NYSDEC Part 375 UU SCOs	NYSDEC Part 375 PGW SCOs	NYSDEC Part 375 RR SCOs	Unit	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
SVOCs								
Benzo(a)anthracene	**1**	1	1	mg/kg	**1.13**	**SB12_2-4**	**2.81**	**SB18_2-4**
Benzo(a)pyrene	**1**	22	1	mg/kg	**1.1**	**SB05_1-2**	**2.15**	**SB18_2-4**
Benzo(b)fluoranthene	**1**	1.7	1	mg/kg	**1.3**	**SB05_1-2**	**2.13**	**SB18_2-4**
Benzo(g,h,i)perylene	**0.64**	1,000	4.9	mg/kg	**0.8**	**SB05_1-2**	**0.988**	**SB-14_0-2**
Benzo(k)fluoranthene	**0.8**	1.7	3.9	mg/kg	**1.42**	**SB14_0-2**	**1.91**	**SB18_2-4**
Chrysene	**1**	1	3.9	mg/kg	**1.03**	**SB15_3-5**	**2.54**	**SB18_2-4**
Dibenz(a,h)anthracene	**0.33**	1,000	0.33	mg/kg	**0.375**	**SB18_2-4**	**0.38**	**SB14_0-2**
Indeno(1,2,3-cd)pyrene	**0.5**	8.2	0.5	mg/kg	**0.589**	**SB15_3-5**	**1.18**	**SB18_2-4**
Phenanthrene	**1.1**	1,000	4.9	mg/kg	**1.68**	**SB-15_3-5**	**5.44**	**SB-18_2-4**

Pesticides

Pesticides were detected at concentrations above the UU SCOs in soil samples collected from soil borings SB12, SB15, and SB18. The table below provides concentration ranges of pesticides that were detected above the UU SCOs.

Analyte	NYSDEC Part 375 UU SCOs	NYSDEC Part 375 PGW SCOs	NYSDEC Part 375 RR SCOs	Unit	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
Pesticides								
4,4'-DDE	**0.0033**	9.3	3.4	mg/kg	**0.0053**	**SB15_13-15**	**0.00562**	**SB12_2-4**
4,4'-DDT	**0.0033**	135	3.8	mg/kg	**0.00362**	**SB18_2-4**	**0.0149**	**SB12_2-4**

Herbicides

Herbicides were not detected in the soil samples.

PCBs

PCBs were not detected in soil at concentrations above the SCOs.

Metals

Metals were detected at concentrations exceeding the UU, PGW, and/or RR SCOs in soil samples collected from all of the soil borings. The table below provides concentration ranges of metals that were detected above the UU, PGW, and/or RR SCOs. Metal concentrations above the UU SCOs are shown in **bold**, above the PGW are shaded, and above the RR are underlined.

Analyte	NYSDEC Part 375 UU SCOs	NYSDEC Part 375 PGW SCOs	NYSDEC Part 375 RR SCOs	Unit	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
Metals								
Arsenic	**13**	16	16	mg/kg	**20.4**	**SB01_11-12**	**21.7**	**SB02_11.5-12.5**
Barium	**410**	820	410	mg/kg	**429**	**SB15_3-5**	**429**	**SB15_3-5**
Chromium, Hexavalent	**1**	19	1	mg/kg	**2.16**	**SB15_3-5**	**2.16**	**SB15_3-5**
Chromium, Trivalent	**30**	NS	110	mg/kg	**31.8**	**SB-14_10-12**	**36.1**	**SODUP01_110625**
Copper	**50**	1,720	280	mg/kg	**64.3**	**SB14_0-2**	**3,270**	**SB02_11.5-12.5**
Lead	**63**	450	400	mg/kg	**75.7**	**SB12_2-4**	**2,010**	**SB01_11-12**
Manganese	**1,600**	2,000	2,000	mg/kg	**2,390**	**SB10_26-28**	**2,390**	**SB10_26-28**
Mercury	**0.18**	0.73	0.3	mg/kg	**0.229**	**SB11_25-27**	**86.6**	**SB18_2-4**
Nickel	**30**	130	320	mg/kg	**63**	**SB02_11.5-12.5**	**63**	**SB02_11.5-12.5**
Silver	**2**	8.3	110	mg/kg	**3.65**	**SB02_11.5-12.5**	**14.5**	**SB18_2-4**
Zinc	**109**	2,480	6,600	mg/kg	**112**	**SB14_0-2**	**672**	**SB02_11.5-12.5**

NS – no standard

PFAS (40-compound list)

PFAS soil analytical results were compared to the NYSDEC Part 375 Remedial Programs Guidelines for Sampling and Analysis of PFAS UU, PGW, and RR Guidance Values (April 2023). One PFAS compound, perfluorooctanesulfonic acid (PFOS), was detected above the UU and PGW Guidance Values in soil borings SB10 and SB15. The table below provides the concentration range of PFOS detected above the UU and PGW Guidance Values.

Analyte	NYSDEC Part 375 UU Guidance Values	NYSDEC Part 375 PGW Guidance Values	NYSDEC Part 375 RR Guidance Values	Unit	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
PFAS								
PFOS	**0.00088**	0.001	0.044	mg/kg	**0.00115**	**SB10_3-5**	**0.00743**	**SB15_3-5**

4.4 Groundwater Findings

4.4.1 Field Observations

Monitoring wells were gauged for free-phase petroleum product with an oil-water interface probe after installation and after sampling. Free product was not detected in the monitoring wells. Prior to sampling, well headspaces were screened with a PID; headspace readings were not detected, with the exception of a detection of 0.5 parts per million (ppm) in well MW15. Monitoring well sampling logs are included in Appendix D.

4.4.2 Analytical Data

Groundwater sample analytical results were compared to the NYSDEC SGVs. A summary of the laboratory detections for groundwater samples collected during the LSI and RI are included in Table 4 and shown on Figure 8 with comparisons to the SGVs. The analytical results are summarized below.

VOCs

One VOC, PCE, was detected above the SGV in monitoring wells TWP01, MW10, MW11, and MW13. The table below provides the concentration range of PCE detected above the SGVs.

Analyte	NYSDEC SGV	Unit	Minimum Detected Concentration above SGV		Maximum Detected Concentration above SGV	
VOCs						
PCE	5	ug/l	8.4	TWP01_120324	75.5	MW-10_11202025

Total and Dissolved Metals

Total and/or dissolved metals were detected above the SGVs in groundwater samples collected from monitoring wells TWP01, MW10, MW11, MW13, and MW15. The table below provides concentration ranges of metals total and dissolved) above the SGVs.

Analyte	NYSDEC SGVs	Unit	Minimum Detected Concentration above SGVs		Maximum Detected Concentration above SGVs	
Metals – Dissolved						
Iron	300	ug/l	308	GWDUP01_11202025 (MW10)	308	GWDUP01_11202025 (MW10)
Manganese	300	ug/l	838	MW-15_11202025	838	MW-15_11202025
Sodium	20,000	ug/l	56,200	MW-10_11202025	142,000	MW-15_11202025
Metals – Total						
Manganese	300	ug/l	856	MW-15_11202025	856	MW-15_11202025
Sodium	20,000	ug/l	54,800	MW-11_11212025	146,000	MW-15_11202025

SVOCs, Pesticides, Herbicides, and PCBs

SVOCs, pesticides, herbicides, and PCBs were not detected above the SGVs.

PFAS

The PFAS compounds PFOS and Perfluorooctanoic Acid (PFOA) were detected above the SGVs in groundwater samples collected from monitoring wells MW10, MW11, MW13, and MW15. The table below provides concentration ranges of PFAS above the SGVs.

Analyte	NYSDEC SGVs	Unit	Minimum Detected Concentration above SGVs		Maximum Detected Concentration above SGVs	
PFAS						
PFOS	0.0027	ug/l	0.00477	MW-13_11202025	0.0117	MW-10_11202025
PFOA	0.0067	ug/l	0.0203	MW-11_11212025	0.0302	MW-10_11202025

4.5 Soil Vapor Findings

A summary of laboratory detections for the LSI and RI soil vapor samples is included in Table 5 and shown on Figure 9. No standard currently exists for soil vapor in New York State.

Soil vapor analytical results are summarized in the table below:

Analyte	Unit	Minimum Detected Concentration		Maximum Detected Concentration	
VOCs					
1,1,1-Trichloroethane (1,1,1-TCA)	ug/m^3	1.2	SV11_111125	190	SV13_111125
1,1-Dichloroethane	ug/m^3	2.11	SV03_120424	5.9	SV13_111125
1,2,4-Trimethylbenzene	ug/m^3	1.5	SV11_111125	8.8	SV03_120424
1,3,5-Trimethylbenzene (Mesitylene)	ug/m^3	1.39	SV06_120424	2.08	SV03_120424

Analyte	Unit	Minimum Detected Concentration		Maximum Detected Concentration	
1,3-Butadiene	ug/m^3	0.5	SV04_120424	5.07	SV03_120424
2,2,4-Trimethylpentane	ug/m^3	0.8	AA02_111125	18.6	SV03_120424
4-Ethyltoluene	ug/m^3	2.24	SV06_120424	2.82	SV03_120424
Acetone	ug/m^3	5.34	AA01_120424	302	SV03_120424
Benzene	ug/m^3	0.68	AA02_111125	32	SV13_111125
Carbon Disulfide	ug/m^3	2.1	SV15_111125	10	SV13_111125
Chloroform	ug/m^3	0.87	SV15_111125	1.54	SV04_120424
Chloromethane	ug/m^3	1.03	AA01_120424	1.2	AA02_111125
Cyclohexane	ug/m^3	0.723	SV01_120424	37.5	SV03_120424
Dichlorodifluoromethane	ug/m^3	1.27	SV03_120424	3.36	SV01_120424
Ethanol	ug/m^3	13.9	SV03_120424	16.3	AA01_120424
Ethyl Acetate	ug/m^3	1.8	SV10_111125	16	SV11_111125
Ethylbenzene	ug/m^3	0.65	SV15_111125	13.3	SV04_120424
Isopropanol	ug/m^3	0.96	SV10_111125	5.36	SV03_120424
Isopropylbenzene (Cumene)	ug/m^3	4.3	SV13_111125	4.3	SV13_111125
M,P-Xylene	ug/m^3	1.5	AA02_111125	38.5	SV04_120424
Methyl Ethyl Ketone (2-Butanone)	ug/m^3	0.53	SV15_111125	28.2	SV03_120424
n-Heptane	ug/m^3	2.25	SV02_120424	12.3	SV06_120424
n-Hexane	ug/m^3	0.53	AA02_111125	25.6	SV03_120424
o-Xylene (1,2-Dimethylbenzene)	ug/m^3	1.4	SV15_111125	11.2	SV04_120424
Propylene	ug/m^3	65	SV13_111125	65	SV13_111125
Sec-Butylbenzene	ug/m^3	4.5	SV13_111125	4.5	SV13_111125
Tert-Butyl Alcohol	ug/m^3	1.68	SV02_120424	7.06	SV04_120424
PCE	ug/m^3	1.52	SV03_120424	840	SV15_111125
Toluene	ug/m^3	0.969	AA01_120424	2,380	SV04_120424
Total Xylenes	ug/m^3	1.5	AA02_111125	7.4	SV13_111125
TCE	ug/m^3	1.5	SV15_111125	26.1	SV04_120424
Trichlorofluoromethane	ug/m^3	1	SV10_111125	41	SV15_111125

4.6 Quality Assurance and Quality Control Results

QA/QC sample results were evaluated during data validation, and the analytical results for field blanks and trip blanks are summarized in the Data Usability Summary Reports included in Appendix H. Laboratory results for the QA/QC samples are presented in Table 6.

4.7 Data Usability

Category B laboratory reports for soil, groundwater and soil vapor samples were provided to Langan's data validator by Pace Analytical (LSI samples) and ALS (RI samples). Copies of the laboratory data reports are included as Appendix G. Copies of the DUSRs are provided in Appendix H. The results of the data validation review are summarized below.

One major deficiency was identified in laboratory package 25K1129. The field blank (GWFB01_11202025) exhibited a detection of chloroform at a concentration greater than 10x the

reporting limit (concentration = 16.8 ug/L, reporting limit = 0.5 ug/L). The associated results in groundwater samples MW-10_11202025, MW-13_11202025, MW-15_11202025, and GWDUP01_11202025 are qualified as "R" because of potential gross blank contamination.

Minor deficiencies were also identified and are summarized in the DUSRs. Completeness, defined as the percentage of analytical results that are judged to be valid, is 100% for all laboratory packages except 25K1129. Completeness is 99.7% for laboratory package 25K1129. The data is considered usable, as qualified.

4.8 Evaluation of Potential Areas of Concern

This section discusses the combined LSI and RI results with respect to the PAOCs identified prior to the start of the RI (described in Section 2.5). Based on evaluation of the analytical results, PAOC4 relating to potential off-site contaminant sources was removed. Discussion of potential off-site contaminant sources is incorporated into AOC2. The area of concern (AOC) locations are shown on Figure 4 and have been refined as follows.

4.8.1 AOC-1: Mercury Impacts in Soil

Mercury was identified during the December 2024 LSI in non-native soil throughout the site to a maximum depth of 12.5 feet bgs at concentrations above the Part 375 SCOs. The mercury impacts were attributed to historical site use(s), including a thermometer factory, and/or non-native soil quality (AOC 3).

AOC-1 Findings Summary

Mercury was detected above the UU SCOs in 26 of 41 soil samples collected from each boring throughout the site at depth intervals between 0 to 2 feet bgs and 25 to 27 feet bgs. Mercury was detected above the RR SCOs in 17 of 41 soil samples collected from 12 of 15 borings at depth intervals between 0 to 2 feet bgs and 13 to 14 feet bgs.

A maximum mercury concentration of 86.6 mg/kg, which is two orders of magnitude above the RR SCO, was detected in the soil sample collected from 2 to 4 feet bgs in the boring near the former location of the historical thermometer factory in the central part of the site (SB-18). Mercury did not exceed the SCOs in soil samples collected from 10 to 12 feet bgs and 25 to 27 feet bgs in the same boring. In other borings throughout the site, non-native soil contained mercury above the RR SCO at depths extending to 14 feet bgs. The highest concentrations (6.34 mg/kg and 4.05 mg/kg) were detected in the 0 to 2 feet bgs depth interval in borings located about 25 feet east (SB-04) and 35 feet north (SB-11) of boring SB-18, respectively.

Samples of non-native soil collected from borings in the northwestern part of the site to delineate the extent of mercury detections near LSI borings SB01 and SB02 (SB-10, SB-16, and SB-17) contained mercury above the RR SCOs to a maximum depth interval of 13 to 14 feet bgs; mercury was not detected above the RR SCO in soil samples below 14 feet bgs. One soil sample collected

from the western part of the site between 25 and 27 feet bgs (SB-11_25-27) within native soils contained mercury above the UU SCO.

Mercury was also detected in soil samples above the PGW SCOs; however, total and dissolved mercury were not detected in the five groundwater samples collected during the LSI and RI.

AOC-1 Conclusions

Detections of mercury between 4.05 mg/kg and 86.6 mg/kg in three borings on the central part of the site indicate impacts to shallow soil (i.e., 0 to 4 feet bgs) associated with the former thermometer factory in that area. Mercury concentrations in that area attenuate to below 2 mg/kg in samples collected below 4 feet bgs. Mercury generally exceeds the UU and/or RR SCOs in non-native soil throughout the site to about 14 feet bgs. The mercury detection above the UU SCO in deeper native soil (25 to 27 feet bgs) in a single sample on the western part of the site is anomalous and may reflect cross-contamination from non-native soil entering the borehole from a shallower depth. Mercury detections outside of the footprint of the former thermometer factory and below 4 feet bgs are generally attributable to the quality of non-native soil at the site (AOC 3). Mercury did not exceed the SGVs in total or dissolved groundwater samples and is therefore not a contaminant of concern in groundwater.

4.8.2 AOC-2: VOC Impacts in Groundwater and/or Soil Vapor

PCE and TCE were identified in soil vapor samples and PCE exceeded the SGV in one groundwater sample collected from the northern part of the site during the 2024 LSI. The CVOC impacts were likely attributed to off-site historical uses, which include electroplating on the northern adjoining property (1951 to at least 2007) and garment manufacturing (1933 to 1980) about 65 feet north of the site.

AOC-2 Findings Summary

AOC-2 Soil

PCE, TCE, and 1,1,1-TCA were not detected in the soil samples at concentrations above the UU or PGW SCOs. PCE was detected in six shallow soil samples and in one sample from the groundwater interface above the laboratory minimum detection limit (MDL), but below the UU and PGW SCO. TCE was detected in one shallow soil sample above the laboratory MDL, but below the UU SCO.

AOC-2 Groundwater

PCE was detected in four of five groundwater samples above the SGV. PCE concentrations ranged from non-detected in the northeastern part of the site (MW-15) to 75.5 µg/l in the northwestern part of the site (MW-10). TCE and 1,1,1-TCA were not detected in the groundwater samples above the SGVs.

AOC-2 Soil Vapor

PCE, TCE, and 1,1,1- TCA were the CVOCs detected in soil vapor samples at the highest concentrations. PCE was detected in 9 of 10 soil vapor samples at concentrations between 1.52 ug/m^3 in the western central part of the site (SV03) and 840 ug/m^3 in the northeastern part of the site (SV15). TCE was detected in 2 of 10 soil vapor samples at concentrations between 1.52 ug/m^3 in the northeastern part of the site (SV15) and 26.1 ug/m^3 on the central part of the site (SV04). 1,1,1-TCA was detected in 7 of 10 soil vapor samples at concentrations between 1.2 ug/m^3 in the western part of the site (SV11) and 190 ug/m^3 in the southeastern part of the site (SV13).

Notably, the petroleum VOC toluene was also detected in one soil vapor sample in the central part of the site at a concentration of 2,380 ug/m^3, which is two orders of magnitude above the concentrations detected in other samples across the site.

AOC-2 Conclusions

PCE, TCE, and 1,1,1-TCA were detected in soil vapor samples throughout the site, with the highest concentrations of each identified in the northeastern, central, and southeastern parts of the site, respectively. In addition, the petroleum VOC toluene was also detected in one soil vapor sample in the central part of the site at a concentration of 2,380 ug/m^3, which is two orders of magnitude above the concentrations detected in other samples across the site. PCE was detected at concentrations of the same order of magnitude or one order of magnitude higher than the SGV (5 µg/l) in groundwater samples collected from the western, northwestern, northern, and southeastern parts of the site. Toluene was not detected in groundwater samples or in soil samples above the UU or PGW SCOs.

PCE detections in groundwater samples collected during the 2025 RI are within a common order of magnitude and occur in wells located in the hydraulically upgradient (MW13), cross-gradient (MW10), and downgradient (MW11) portions of the site, with the cross-gradient well located on the northern portion of the site exhibiting the highest PCE concentration (75.5 µg/l). However, the estimated groundwater gradient is about 0.007 feet per foot across the site, based on the contours in Figure 3. The shallow hydraulic gradient comports with the generally flat regional topography (see Figure 1) and diminishes the precision of directional gradients in contaminant source determination. Under these conditions, other factors, such as preferential pathways attributable to sub-surface structures and soil characteristics, have a comparatively larger impact on groundwater vectors.

The absence of PCE detections above the UU or PGW SCOs in numerous soil samples, paired with a single PCE detection in soil vapor above 800 µg/m^3 in a hydraulically upgradient sample (SV15) and the absence of documented historical on-site operations likely to utilize CVOCs indicate that the PCE source is likely associated with historical electroplating operations on the adjoining property north and east (upgradient) of the site. The former electroplating facility (Wilco

Finishing Corp. at 1282-1294 Willoughby Avenue) has been listed by NYSDEC as a potential (i.e., P-listed) Inactive Hazardous Waste Site (IHWS Site No. 224359), based on the site's industrial history and the documented presence of contaminants, including PCE in groundwater. The facility was also listed as a Resource Conservation and Recovery Act (RCRA) Large Quantity Generator (LQG) of hazardous waste (NYD987031648) as recently as 2005. The absence of a PCE detection in a northeastern upgradient well (MW15) may also indicate more than one contaminant source impacting groundwater.

Although the groundwater and soil data do not indicate an on-site toluene source, the anomalous toluene detection in the central portion of the site of a magnitude greater than 2,000 µg/m^3 indicates a localized potentially on-site contaminant source.

The detected concentrations of PCE, TCE, 1,1,1-TCA and toluene in soil vapor will warrant soil vapor mitigation in future occupied structures constructed above the groundwater table. Because toluene was detected in soil vapor in one location at an anomalously high concentration, this AOC is being re-framed as AOC-2: VOC Impacts in Groundwater and/or Soil Vapor.

4.8.3 AOC-3: Non-Native Soil

Non-native soil was encountered in all soil borings from grade surface to depths ranging from about 9 feet bgs in the central part of the site to about 16 feet bgs in the southeastern corner of the site.

AOC-3 Findings Summary

AOC-3 Soil

Non-native soil was encountered throughout the site during the LSI and RI and is characterized as fine sand with varying amounts of silt, gravel and anthropogenic materials (coal, brick, metal, coal ash, concrete, plastics, and ceramics). The non-native soil layer contains SVOCs, pesticides, and metals at concentrations above the UU and RR SCOs, and PFAS at concentrations above the UU and PGW Guidance Values. SVOCs, pesticides, metals, and PFAS exceeding the SCOs or Guidance Values are attributed to the quality of non-native soil placed at the site. Petroleum-like impacts or PID readings above background levels were not identified in samples of non-native soil.

The VOC acetone was detected in two non-native soil samples (SB-10_13-15 and SB18_2-4) above the UU SCO. However, the detections were flagged with an "S" qualifier, which indicates that cross-contamination from a laboratory solvent is possible.

Manganese was detected in one native soil sample (SB-10_26-28) above the PGW and RR SCOs. The anomalously high detection is attributable to a naturally occurring condition and is not indicative of a historical release.

AOC-3 Groundwater

Acetone was not detected above the SGV in groundwater samples. One or more of three dissolved metals (iron, sodium, and manganese) were detected at concentrations above the SGVs in the five groundwater samples. The PFAS compounds PFOS and PFOA exceeded the SGVs in four groundwater samples. Groundwater is over 10 feet below the non-native soil layer. The metals detections are attributable to naturally occurring or regional conditions, and the PFAS detections are attributable to a regional condition associated with an off-site source.

AOC-3 Conclusions

SVOCs, pesticides, metals, and PFAS detected in the non-native soil layer above the UU, PGW, and/or RR SCOs or Guidance Values are attributed to the quality of the non-native soil. The non-native soil conditions do not appear to have adversely impacted groundwater.

5.0 QUALITATIVE HUMAN AND FISH/WILDLIFE EXPOSURE ASSESSMENT

Human health exposure risk was evaluated for both current and future on-site and off-site conditions in accordance with the May 2010 NYSDEC Final DER-10 Technical Guidance for Site Investigation and Remediation. The assessment included an evaluation of potential sources and migration pathways of site contamination, potential receptors, exposure media, and receptor intake routes and exposure pathways.

In addition to the human health exposure assessment, NYSDEC DER-10 requires an on-site and off-site Fish and Wildlife Resources Impact Analysis (FWRIA) if certain criteria are met. Based on the requirements stipulated in Section 3.10 and Appendix 3C of DER-10, there was no need to prepare an FWRIA for the site. A completed Fish and Wildlife Resources Impact Analysis Decision Key from DER-10 Appendix 3C is enclosed as Appendix I.

5.1 Current Conditions

The approximately 15,000-square-foot site is located at 1250 Willoughby Avenue in the Bushwick neighborhood of Brooklyn, New York and is identified on the Brooklyn Tax Map as Tax Block 3210, Lot 16. The site contains an asphalt-paved parking lot that is currently vacant and is surrounded by buildings and/or chain-link fencing to prevent access by the public.

The site is bound by an industrial facility followed by residential and commercial properties to the north; a multi-tenant industrial building to the east; a private residential property followed by a public school (P.S. 123) to the south; and Willoughby Avenue followed by a restaurant supply business to the west. The area surrounding the site consists of residential, commercial, and industrial properties. A site layout map is provided as Figure 2.

The nearest ecological receptor is Newtown Creek, which is located approximately 0.5 mile northwest of the site. Several sensitive receptors were identified within 1/2 mile of the site and are listed in the table below:

Number	Name (Approximate distance from site)	Address
1	P.S. 123 The Suydam Magnet School for STEAM (about 0.01 mile southwest of the site)	100 Irving Avenue Brooklyn, NY 11237
2	Afternoon Evening and Weekend Daycare (about 0.19 mile west of the site)	148 George Street 1st Floor Brooklyn, NY 11237
3	I.S. 162 The Willoughby School (about 0.20 mile northeast of the site)	1390 Willoughby Avenue Brooklyn, NY 11237
4	La Nina De Tus Ojos Corporation (about 0.20 mile south of the site)	247 Stockholm Street, Apt. 1R Brooklyn, NY 11237
5	The Apple of Your Eyes Corporation (about 0.20 mile south of the site)	247 Stockholm Street, Apt. 3R Brooklyn, NY 11237
6	First Buddies Daycare (about 0.20 mile south of the site)	229 Troutman Street #2B Brooklyn, NY 11237
7	Best Day Care, LLC (about 0.30 mile east of the site)	403 Stanhope Street Brooklyn, NY 11237

Number	Name (Approximate distance from site)	Address
8	P.S. 86 The Irvington School (about 0.33 mile southeast of the site)	220 Irving Avenue Brooklyn, NY 11237
9	I.S. 347 School of Humanities (about 0.33 mile southwest of the site)	35 Starr Street Brooklyn, NY 11221
10	Sonia Naulav (about 0.33 mile east of the site)	402 Stanhope Street, 1st Floor Brooklyn, NY 11237
11	P.S. 376 Felisa Rincon de Gautier School of Technology (about 0.42 mile south of the site)	194 Harman Street Brooklyn, NY 11237

5.2 Proposed Conditions

The proposed redevelopment requires the removal of paved surfaces and contaminated soil/fill to accommodate the construction of a 12-story, mixed-use building with an approximate floor plate of 8,850 square feet and a partial cellar. The cellar will consist of utility rooms and building amenities; the first floor will contain a lobby, amenities, retail commercial space, and 100% affordable housing units; and the upper floors will contain 100% affordable housing units. The remainder of the site will consist of an approximately 5,250-square-foot rear yard on the eastern portion of the site, and an approximately 900-square-foot ingress/egress setback along the sidewalk at the western side of the site. Proposed redevelopment plans are included in Appendix A.

5.3 Summary of Environmental Conditions

Based on field and sampling data obtained during the RI and during previous environmental investigations, the following contaminants of concern (COC) were identified on-site:

Soil

Soil COCs include SVOCs, pesticides, metals, and PFAS. Analysis of soil samples revealed SVOCs, pesticides and metals at concentrations above the UU and/or RR SCOs, and PFAS at concentrations above the UU Guidance Values.

Non-native soil was observed below the surface cover and extends to depths between about 9 feet bgs in the central part of the site to about 16 feet bgs in the southeastern corner of the site. The non-native soil layer generally consists of fine- to medium-grained sand with varying amounts of silt, clay, gravel and anthropogenic materials (brick, metal, coal ash, concrete, construction debris, plastics and ceramics). Non-native soil impacts include SVOCs, pesticides, and metals at concentrations above the UU and/or RR SCOs, and PFAS above the UU Guidance Values. Mercury concentrations indicative of impacts associated with a historical thermometer factory were documented in the 0- to 2-foot bgs non-native soil interval on the central part of the site. Indications of petroleum-like impacts (i.e., staining, odors, or PID readings above background levels) were not identified in soil samples.

Groundwater

PCE was detected at concentrations up to one order of magnitude above the SGVs throughout the site. The absence of corresponding impacts in soil samples indicates an off-site source for the PCE (e.g., historical manufacturing on properties north of the site).

Soil Vapor

Soil vapor COCs include PCE, TCE, and 1,1,1-TCA detected in samples throughout the site. The highest PCE, TCE, and 1,1,1-TCA concentrations were identified on the northeastern, central, and southeastern parts of the site, respectively. The petroleum VOC toluene was also detected in one sample in the central part of the site at a concentration of 2,380 ug/m^3, which is two orders of magnitude above the concentrations detected in other samples across the site. The detected concentrations will warrant soil vapor mitigation in future occupied structures constructed above the groundwater table.

5.4 Conceptual Site Model

A conceptual site model (CSM) was developed based on the findings of the LSI and RI. The purpose of the CSM is to develop a simplified framework for understanding the distribution of impacted materials, potential migration pathways, and potentially complete exposure pathways, as discussed below.

5.4.1 Potential Sources of Contamination

Potential sources of contamination have been identified and include non-native soil, a historical on-site thermometer factory, and off-site historical uses. Site-wide non-native soil contains SVOCs, pesticides, metals, and PFAS. The historical on-site thermometer factory has been established as a source of mercury impacts in shallow soil in the central part of the site. Off-site historical uses are the likely source(s) of VOCs in groundwater and soil vapor, and PFAS in groundwater.

5.4.2 Exposure Media

The impacted media include soil, groundwater, and soil vapor. Analytical data indicates that the non-native soil contains SVOCs, pesticides, metals, and PFAS. CVOCs and PFAS were identified in site groundwater, and VOCs were also identified in site soil vapor.

5.4.3 Receptor Populations

The site is currently a vacant parking lot and is secured along the perimeter with fencing or adjoining building walls. During site redevelopment, human receptors will be limited to construction and remediation workers, and authorized guests. Under future conditions, receptors will include the building tenants, workers, and visitors.

5.5 Potential Exposure Pathways – On-Site

5.5.1 Current Conditions

The site is currently a vacant parking lot that is primarily covered with asphalt, with the exception of an area covered with concrete demolition debris in the eastern part of the site. Shallow soil, which is impacted by contaminants associated with non-native soil and/or mercury related to the historical thermometer factory, is exposed in localized areas in the eastern side of the site. The exposed soil presents a potential exposure pathway; however, the site is vacant and secured with a locked gate. With the exception of authorized visitors, the site will remain vacant until the commencement of construction.

Because groundwater in this area of New York City is present at depths of 28 feet bgs and it is not used as a potable water source, no complete exposure pathway to contaminated groundwater through ingestion or direct contact exists under current site conditions.

In localized areas where human exposure to contaminated soil and groundwater is possible during soil, soil vapor and groundwater sampling, the potential exposure pathways for dermal absorption, inhalation and ingestion are controlled through implementation of a health and safety plan (HASP).

5.5.2 Construction/Remediation Condition

In the absence of environmental controls and mitigation measures, potential exposure pathways exist for dermal absorption, ingestion, and/or inhalation during construction/remediation. Construction and remedial activities will include excavation, off-site disposal of non-native soil and soil, and construction of foundation components. Complete exposure pathways will be possible during these activities, but can and will be avoided through the implementation of a construction health and safety plan (CHASP), Community Air Monitoring Plan (CAMP), and use of vapor and dust suppression. Groundwater is about 28 feet bgs and will not be encountered during redevelopment.

5.5.3 Proposed Future Conditions

The proposed redevelopment project is anticipated to include the construction of a 12-story mixed-use building with a partial cellar, and a rear yard. The site will undergo remediation via contaminated soil excavation and removal, and new development will incorporate a cover system across the site and vapor mitigation measures, as needed. The new building will source its drinking water from municipal sources; the City of New York obtains their drinking water supply from surface water reservoirs in the Delaware, Catskill, and Croton watersheds. These engineering controls will restrict dermal contact, inhalation and ingestion of any residual contaminants remaining at the site. If necessary, institutional controls will require maintenance of engineering controls and will serve to further mitigate exposure under future conditions.

5.6 Potential Exposure Pathways – Off-Site

In the absence of a CAMP and a CHASP, soil has the potential to be transported off-site by wind in the form of dust or on the tires of vehicles or equipment leaving the site during development, and can create an exposure risk to the public adjacent to the site. Groundwater disturbance is not anticipated during remediation or construction activities; therefore, the potential for public exposure to groundwater on adjacent sites is not expected. During construction, soil vapor will primarily migrate vertically through the subsurface and will dissipate and dilute with ambient air.

The potential off-site migration of site contaminants is not expected to result in a complete exposure pathway for current, construction and remediation, or future conditions for the following reasons:

- The site is in an urban area and predominantly covered with impervious asphalt and concrete debris.
- During remediation and ground-intrusive construction activities, the following protective measures will be implemented:
    - Community air monitoring will be conducted for particulates (i.e., dust) and VOCs during intrusive activities as part of a CAMP. Dust and vapor suppression techniques will be employed to limit the potential for off-site migration of soil and vapors.
    - Vehicle tires and undercarriages will be washed as necessary prior to leaving the site to prevent tracking material off-site.
    - A soil erosion and sediment control plan will be implemented during construction to control off-site migration of soil.
- The planned building will include a damp proofing/vapor barrier membrane beneath the foundation slab and along the foundation walls to grade surface and a sub-membrane depressurization (SMD) system beneath the foundation slab to mitigate the potential for soil vapor intrusion into the site building, as needed.
- The proposed development will encompass the entire site footprint, and the site will be covered by a composite cover system.
- Groundwater is not used as a potable water source in Brooklyn and the nearest ecological receptor is Newtown Creek, which is located approximately 0.5 mile northwest of the site.

5.7 Evaluation of Human Health Exposure

Based on the CSM and the review of environmental data, complete on-site and off-site exposure pathways appear to be present in the absence of institutional and engineering controls, under current, planned construction and remediation, and future conditions. The complete exposure

pathways indicate there is a risk of exposure to humans from site contaminants via exposure to soil, groundwater, and soil vapor if mitigation and engineering controls are not implemented.

Complete exposure pathways have the following five elements: 1) a contaminant source; 2) a contaminant release and transport mechanism; 3) a point of exposure; 4) a route of exposure; and 5) a receptor population. A discussion of the five elements comprising a complete pathway as they pertain to the site is provided below.

5.7.1 Current Conditions

Contaminant sources include soil containing SVOCs, pesticides, metals, and PFAS above SCOs/Guidance Values; groundwater containing CVOCs, metals, and PFAS above the SCOs; and soil vapor with concentrations of VOCs.

Contaminant release and transport mechanisms include potential release and transport during penetration of the site cover for soil, groundwater, and soil vapor sampling. Under current conditions, the likelihood of exposure to humans is limited by the following:

- The site footprint is mostly covered by asphalt and concrete debris, which partially prevents direct contact with soil, groundwater, and soil vapor;
- The site is bound on all sides by secured fencing or adjoining building walls, which prevents access to the community;
- Sampling activities are completed in accordance with a HASP and CAMP that is designed to monitor and prevent exposure to soil, groundwater, and soil vapor contaminants; and
- Groundwater is not a potable water source.

5.7.2 Construction/Remediation Activities

During redevelopment and remediation, points of exposure include disturbed and exposed soil during excavation or dust and organic vapors generated during excavation. Contaminated groundwater is not expected to be encountered during excavation or construction. Routes of exposure include ingestion and dermal absorption of contaminated soil and inhalation of dust arising from contaminated soil and soil vapor. The receptor populations include construction and remediation workers and, to a lesser extent, the public adjacent to the site.

The potential for completed exposure pathways is present, because the five elements exist; however, the risk can and will be avoided or minimized by applying appropriate health and safety measures during construction and remediation, such as monitoring the air for organic vapors and dust, using vapor and dust suppression measures, cleaning truck undercarriages before they leave the site to prevent off-site soil tracking, maintaining site security, and wearing the appropriate personal protective equipment (PPE).

In accordance with the forthcoming Remedial Action Work Plan (RAWP), which will include a CHASP, a Soil Management Plan (SoMP), and a CAMP, measures such as conducting an air-monitoring program, donning PPE, covering soil stockpiles, altering work sequencing, maintaining a secure construction entrance, proper housekeeping, and applying vapor and dust suppression measures to prevent off-site migration of contaminants during construction will be implemented. Such measures will prevent completion of these potential migration pathways.

5.7.3 Proposed Future Conditions

Under the proposed future condition, contaminants may remain on site, depending on the remedy, and would, to a lesser extent include those listed under current conditions. If remaining impacts exist and institutional and/or engineering controls are not implemented, points of exposure would include potential cracks or other breaches in the site cover system and exposure during any future soil-disturbing activities. Possible routes of exposure include dermal contact or ingestion and inhalation of contaminated soil or soil vapor entering the building. The receptor population includes the building employees, tenants, and maintenance workers. The possible routes of exposure can be avoided or mitigated by removal of non-native soil or impacted soil; construction and maintenance of a site cover system (i.e., concrete building slab or at least 2 feet of clean soil); installation of a damp proofing/vapor barrier membrane and SMD system, as needed; and implementation of a Site Management Plan (SMP), if necessary.

5.7.4 Human Health Exposure Assessment Conclusions

1. Under current conditions, there is a marginal risk for exposure. The primary exposure pathways are for dermal contact, as well as ingestion and inhalation of soil, groundwater, or soil vapor by site investigation workers. The exposure risks can be avoided or minimized by following the appropriate health and safety and vapor and dust suppression measures outlined in the site-specific HASP and implementing the CAMP during investigation activities.
2. In the absence of mitigation and controls, there is a risk of exposure during the construction and remediation activities. The primary exposure pathways are:
    a. Dermal contact, ingestion of contaminated soil, and inhalation of soil vapor by construction workers.
    b. To a lesser extent, dermal contact, ingestion and inhalation of soil (dust) by the community in the vicinity of the site.

    These can be avoided or minimized by performing community air monitoring and by following the appropriate health and safety, dust suppression, and site security measures, and following the NYSDEC-approved RAWP.

3. The existence of a complete exposure pathway for site contaminants to human receptors during proposed future conditions is unlikely, as a majority of non-native soil will be excavated and removed from the site and any residual impacted soil that remains will be covered with a site cover system. The new building will incorporate a damp proofing/soil vapor barrier and an SMD system to mitigate soil vapor intrusion, as needed. Exposure to groundwater contaminants is unlikely, because groundwater is not used as a potable water source in Brooklyn and the site cover will limit access to the subsurface.
4. It is possible that a complete exposure pathway exists for the migration of site contaminants to off-site human receptors for current, construction phase, or future conditions. Monitoring and control measures have been and will continue to be used during investigation and construction to prevent completion of this pathway. Under future conditions, the site will be remediated, and engineering and institutional controls will be implemented, if necessary, to prevent completion of this pathway.

6.0 NATURE AND EXTENT OF CONTAMINATION

This section evaluates the nature and extent of soil, groundwater, and soil vapor contamination. The nature and extent of the contamination is derived from a combination of field observations and analytical data that were discussed in Section 4.0.

6.1 Soil Contamination

Soil contamination, characterized by field observations and soil sample analytical results exceeding UU, PGW, and/or RR SCOs, is attributed to the presence of non-native soil or historical site use (mercury).

Contaminants related to non-native soil include SVOCs, pesticides, metals, and PFAS. Non-native soil is located throughout the site from below the surface to depths between about 9 and 16 feet bgs. The non-native soil predominantly consists of fine- to medium-grained sand with varying amounts of silt, clay, gravel and anthropogenic materials (brick, metal, coal ash, concrete, plastics and ceramics). Mercury-impacted soil was identified in the 0- to 2-foot depth interval in the central part of the site. Field or analytical indications of petroleum impacts were not identified.

6.2 Groundwater Contamination

Groundwater sampling identified PCE, dissolved metals, and PFAS at concentrations above the SGVs. The absence of PCE detections above the UU or PGW SCOs in numerous soil samples, paired with a single PCE detection in soil vapor above 800 µg/m^3 in a hydraulically upgradient sample and the absence of documented historical on-site operations likely to utilize CVOCs, indicate that the PCE source is likely associated with historical electroplating operations on the adjoining property north and east of the site (NYSDEC IHWS Site No.224359 and RCRA LQG No. NYD987031648 at 1282-1294 Willoughby Avenue). Dissolved metals above the SGVs (i.e., iron, manganese, and sodium) are attributed to the natural composition of native soil and/or regional groundwater conditions. The PFAS detections are attributable to a regional groundwater condition, based on the presence of PFAS in groundwater samples throughout the site, the absence of corresponding PFAS detections in soil above the RR SCOs, and the absence of a historical site use associated with PFAS.

6.3 Soil Vapor Contamination

Total CVOC concentrations were between 3.63 µg/m^3 in the western part of the site and 852 µg/m^3 in the northeastern part of the site. The CVOCs PCE, TCE, and 1,1,1-TCA were detected in soil vapor samples throughout the site, with the highest concentrations identified on the northeastern, central, and southeastern parts of the site, respectively. Toluene was detected in soil vapor at an anomalously high concentration (2,380 µg/m^3) at one location in the central portion of the site. Although the groundwater and soil data do not indicate an on-site toluene source,

the magnitude and location of the detection indicate a localized potentially on-site contaminant source. .

7.0 CONCLUSIONS

The RI was conducted by Langan between 5 and 21 November 2025 to characterize the nature and extent of the contamination and provide sufficient information for establishment of remedial action objectives and selection of a remedy that is protective of human health and the environment consistent with the proposed use of the site. The findings summarized herein are based on both qualitative data (field observations and instrumental readings) and quantitative data (laboratory analytical results) from the RI and from Langan's December 2024 LSI. The analytical data generated by the LSI and RI was determined to be 100% acceptable by validation. Findings and conclusions are as follows:

1. Topography: According to the 29 October 2024 Site Survey prepared by Montrose Surveying Co., LLP, the site elevation is between el. 36.48 (NAVD 88) in the northwestern part of the site and el. 38.14 in the northeastern part of the site. According to the 2017 United States Geological Survey (USGS) 7.5-minute quadrangle topographic map for Brooklyn, the regional topography slopes downward to the northwest.

2. Geophysical Findings: A geophysical survey conducted across accessible areas of the site during the December 2024 LSI identified potential subsurface utilities, including an east-west trending sewer line and other unidentified linear structures beneath the asphalt on the site and extending under the Willoughby Avenue sidewalk. Anomalies consistent with USTs were not identified.

3. Stratigraphy: The site stratigraphy generally consists of non-native soil comprised of fine- to medium-grained sand with varying amounts of silt, clay, gravel and anthropogenic materials (brick, metal, coal ash, concrete, plastics and ceramics) extending from below the surface cover to between about 9 and 16 feet bgs. The non-native soil layer is underlain by native soil consisting of fine sand with some silt and varying amounts of gravel. Bedrock has not been encountered in the soil borings to a maximum depth of 35 feet bgs and is estimated to be over 100 feet bgs.

4. Hydrogeology: Depth to groundwater at the site ranges from about 28 to 29 feet bgs and groundwater elevation ranges from about el. 7.6 to el. 8.2. Based on groundwater elevation data, groundwater at the site generally flows to the northwest towards Newtown Creek, which is located approximately 0.5 mile northwest of the site.

5. Soil Chemistry: SVOCs, pesticides, and metals were detected at concentrations above the UU and/or RR SCOs (and above the UU Guidance Values for PFAS) in non-native soil throughout the site to a maximum depth of about 15 feet bgs. Most of the detected concentrations are typical of non-native soil in New York City. Mercury was detected in shallow soil between 0 and 2 feet bgs in the central part of the site at concentrations above the RR SCOs and indicative of impacts attributable to a historical thermometer

factory. Mercury was also identified above the UU SCO in one native soil sample collected at 25 to 27 feet bgs in the western part of the site; however, the detection is anomalous and may reflect cross-contamination from non-native soil entering the borehole from a shallower depth. Indications of petroleum-like impacts (i.e., staining, odors, or PID readings above background levels) were not identified in soil samples.

6. Groundwater Detections: PCE, dissolved metals (iron, sodium, and manganese), and PFAS were detected in groundwater throughout the site at concentrations above the SGVs. The absence of PCE detections above the UU or PGW SCOs in numerous soil samples, paired with a single PCE detection in soil vapor above 800 µg/m^3 in a hydraulically upgradient sample and the absence of documented historical on-site operations likely to utilize CVOCs, indicate that the PCE source is likely associated with historical electroplating operations on the adjoining property north and east of the site (NYSDEC IHWS Site No.224359 and RCRA LQG No. NYD987031648 at 1282-1294 Willoughby Avenue). The dissolved metals detected above the SGVs are attributed to the natural composition of native soil and/or regional groundwater conditions. The PFAS detections are attributable to a regional groundwater condition, based on the presence of PFAS in groundwater samples throughout the site, the absence of corresponding PFAS detections in soil above the RR SCOs, and the absence of a historical site use associated with PFAS.
7. Soil Vapor Detections: Total CVOC concentrations were between 3.63 µg/m^3 and 852 µg/m^3 in the western and northeastern parts of the site, respectively. The CVOCs PCE, TCE, and 1,1,1-TCA were detected in soil vapor samples throughout the site, with the highest concentrations identified on the northeastern, central, and southeastern parts of the site, respectively. The CVOCs are attributable to off-site sources (e.g., historical industrial operations on properties north of the site), based on the low-level detections of corresponding CVOC impacts in soil samples. The petroleum VOC toluene was also detected in one sample in the central part of the site at a concentration of 2,380 ug/m^3, which is two orders of magnitude above the concentrations detected in other samples across the site. Although the groundwater and soil data do not indicate an on-site toluene source, the anomalous toluene detection in the central portion of the site indicates a localized potentially on-site contaminant source.

Sufficient analytical data was gathered during the RI to establish soil cleanup levels and to develop a remedy for the identified AOCs. The remedy will be described and evaluated in a forthcoming RAWP to be prepared in accordance with New York State BCP guidelines. The remedy will address impacts to soil, groundwater, and soil vapor described in this RIR.

8.0 REFERENCES

1. CA Rich Consultants, Inc. Phase I ESA Report – 1250 Willoughby Avenue, dated May 2013
2. CA Rich Consultants, Inc. Phase II Environmental Site Investigation – 1250 Willoughby Avenue, dated June 2013
3. GEI Consultants Phase I Environmental Site Assessment – 1250 Willoughby Avenue, dated November 2017
4. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., Phase I Environmental Site Assessment – 1250 Willoughby Avenue, dated February 2024.
5. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C , Limited Subsurface Investigation Report – 1250 Willoughby Avenue, dated January 2025.
6. New York State Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) dated June 1998.
7. New York State Department of Environmental Conservation, Part 375 of Title 6 of the New York Compilation of Codes, Rules, and Regulations, effective 31 December 2025.
8. New York State Department of Environmental Conservation, DER-10 Technical Guidance for Site Investigation and Remediation, issued 3 May 2010; effective 18 June 2010.
9. New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft Brownfield Cleanup Program Guide, dated May 2004.
10. New York State Department of Health, Final Guidance for the Evaluation of Soil Vapor Intrusion in the State of New York, dated October 2006.
11. United States Geological Survey "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey," dated 1994.
12. United States Environmental Protection Agency, Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, EQASOP-GW 001, 19 January 2010.

TABLES

Table 1
Sample Summary
Remedial Investigation Report

Willoughby Conversion Project
1250 Willoughby Avenue
Brooklyn, NY
BCP Site No. C224420
Langan Project No. 170794301

No.	Sample Name	Type	Location	Sample Depth (feet bgs)	Date	Rationale	Analysis
SOIL							
2025 Limited Site Investigation							
1	SB01_1-2	Soil	SB01	1 to 2	12/3/2024	Investigate PAOCs 1 and 3	TCL VOCs, TCL SVOCs, TAL Metals (Including Hexavalent and Trivalent Chromium), Total Cyanide
2	SB01_11-12			11 to 12			
3	SB02_2-3		SB02	2 to 3	12/3/2024		
4	SB02_11.5-12.5			11.5 to 12.5			
5	SB03_3-4		SB03	3 to 4	12/3/2024		
6	SB03_10.5-11.5			10.5 to 11.5			
7	SB04_0.5-1.5		SB04	0.5 to 1.5	12/4/2024		
8	SB04_8-9			8 to 9			
9	SB05_1-2		SB05	1 to 2	12/4/2024		
10	SB15_10-11			10 to 11			
11	SB16_2-3		SB06	2 to 3	12/4/2024		
12	SB16_6-7			6 to 7			
2025 Remedial Investigation							
1	SB10_3-5	Soil	SB10	3 to 5	11/7/2025	Investigate PAOCs 1 and 3	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
2	SB10_13-15			13 to 15			
3	SB10_26-28			26 to 28			
4	SB10_11-12			11 to 12		Mercury Delineation (PAOC 1) and Investigate PAOC 3	Total Mercury
5	SB10_13-14			13 to 14			
6	SB11_0-2		SB11	0 to 2	11/6/2025	Investigate PAOCs 1 and 3	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
7	SB11_10-12			10 to 12			
8	SB11_25-27			25 to 27	11/10/2025		
9	SB12_2-4		SB12	2 to 4	11/5/2025	Investigate PAOCs 1 and 3	
10	SB12_9-11			9 to 11			
11	SB12_24-26			24 to 26	11/6/2025		
12	SB13_3-5		SB13	3 to 5	11/11/2025	Investigate PAOCs 1 and 3	
13	SB13_12-14			12 to 14			
14	SB13_25-27			25 to 27			
15	SB14_0-2		SB14	0 to 2	11/6/2025	Investigate PAOCs 1 and 3	
16	SB14_10-12			10 to 12			
17	SB14_25-27			25 to 27			
18	SB15_3-5		SB15	3 to 5	11/11/2025	Investigate PAOCs 1 and 3	
19	SB15_13-15			13 to 15			
20	SB15_25-27			25 to 27			
21	SB16_11-12		SB16	11 to 12	11/10/2025	Mercury Delineation (PAOC 1) and Investigate PAOC 3	Total Mercury
22	SB16_13-14			13 to 14		Mercury Delineation (PAOC 1)	
23	SB17_11-12		SB17	11 to 12	11/7/2025	Mercury Delineation (PAOC 1) and Investigate PAOC 3	
24	SB17_13-14			13 to 14		Mercury Delineation (PAOC 1)	
25	SB18_2-4		SB18	2 to 4	11/5/2025	Investigate PAOCs 1 and 3	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
26	SB18_10-12			10 to 12			
27	SB18_25-27			25 to 27			
SOIL QA/QC							
2025 Remedial Investigation							
1	SODUP01_110625	Duplicate	SB11_0-2	0 to 2	11/6/2025	QA/QC	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
2	SODUP02_111125	Duplicate	SB13_12-14	12 to 14	11/11/2025		
3	SB11_0-2	MS/MSD	SB11	0 to 2	11/6/2025		
4	SB13_12-14	MS/MSD	SB13	12 to 14	11/11/2025		
5	SOFB01_110625	Field Blank	N/A	N/A	11/6/2025		
6	SOFB02_111125	Field Blank			11/11/2025		

Table 1
Sample Summary
Remedial Investigation Report

Willoughby Conversion Project
1250 Willoughby Avenue
Brooklyn, NY
BCP Site No. C224420
Langan Project No. 170794301

No.	Sample Name	Type	Location	Sample Depth (feet bgs)	Date	Rationale	Analysis
GROUNDWATER							
2025 Limited Site Investigation							
1	TWP01_120324	Groundwater	TWP01	N/A	12/3/2024	Investigate PAOCs 2 and 4	VOCs, Dissolved Metals, Total Hexavalent and Trivalent Chromium, Total Cyanide
2025 Remedial Investigation							
1	MW10_11202025	Groundwater	MW10	N/A	11/20/2025	Investigate PAOCs 2 and 4	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, Total and Dissolved Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
2	MW11_11212025		MW11		11/21/2025		
3	MW13_11202025		MW13		11/20/2025		
4	MW15_11202025		MW15				
GROUNDWATER QA/QC							
2025 Remedial Investigation							
1	GWDUP01_11202025	Duplicate	MW10_11202025	N/A	11/20/2025	QA/QC	TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, Total and Dissolved Metals (Including Hexavalent and Trivalent Chromium), Cyanide, PFAS, and 1,4-Dioxane
2	MW13_11202025	MS/MSD	MW13_11202025				
3	GWFB01_11202025	Field Blank	N/A		11/20/2025		
4	GWFB02_11212025	Field Blank			11/21/2025		PFAS
5	GWTB01_11202025	Trip Blank			11/20/2025		TCL VOCs
6	GWTB01_11212025	Trip Blank			11/21/2025		
SOIL VAPOR							
2025 Limited Site Investigation							
1	SV01_120424	Soil Vapor	SV01	12	12/4/2024	Investigate PAOCs 2 and 4	TO-15 VOCs
2	SV02_120424		SV02				
3	SV03_120424		SV03				
4	SV04_120424		SV04				
5	SV05_120424		SV05				
6	SV06_120424		SV06				
2025 Remedial Investigation							
1	SV10_111125	Soil Vapor	SV10	12	11/11/2025	Investigate PAOCs 2 and 4	TO-15 VOCs
2	SV11_111125		SV11				
3	SV13_111125		SV13				
4	SV15_111125		SV15				
SOIL VAPOR QA/QC							
2025 Limited Site Investigation							
1	AA01_120424	Ambient Air	AA01	N/A	12/4/2024	QA/QC	TO-15 VOCs
2025 Remedial Investigation							
1	AA02_111125	Ambient Air	AA02	N/A	11/11/2025	QA/QC	TO-15 VOCs

Notes:
1. Potential Area of Concern (PAOC) 1 = Mercury Impacts in Soil
2. PAOC 2 = CVOC Impacts in Soil Vapor
3. PAOC 3 = Non-Native Fill
4. PAOC 4 = Off-Site Current and Historical Uses
5. VOC = Volatile Organic Compound
6. SVOC = Semivolatile Organic Compound
7. PCB = Polychlorinated Biphenyl
8. TCL = Target Compound List
9. TAL = Target Analyte List
10. PFAS = Per- and Poly-Fluoroalkyl Substances
11. QA/QC = Quality Assurance/Quality Control
12. N/A = Not Applicable
13. MS/MSD = Matrix Spike/Matrix Spike Duplicate
14. bgs = Below Grade Surface
15. VOC analysis was via United States Environmental Protection Agency (USEPA) Methods 8260D/5035 for soil, via USEPA Method 8260D for groundwater, and via USEPA Method TO-15 for soil vapor
16. SVOC analysis was via USEPA Method 8270E for soil and groundwater (1,4-dioxane in groundwater will be analyzed via USEPA Method 8270E Selected Ion Monitoring [SIM])
17. PCB analysis was via USEPA Method 8082A for soil and groundwater
18. Metals analysis was via USEPA Methods 6010D/7471B/7196A for soil and USEPA Methods 6020B/7470A/7196A for groundwater
19. Cyanide was analyzed via USEPA Method 9010C/9012B for soil and groundwater
20. Pesticides and herbicides analysis was via USEPA Methods 8081B and 8151A for soil and groundwater
21. PFAS analysis was via USEPA Method 1633 for soil and groundwater
22. 1,4-dioxane analysis was via USEPA Method 8270 Selective Ion Monitoring (SIM) for soil and groundwater

Table 2
Monitoring Well Gauging and Groundwater Elevation Summary
Remedial Investigation Report

Willoughby Conversion Project
Brooklyn, New York
BCP Site No.: C224420
Langan Project No. 170794301

Well ID	Top of Casing Elevation (feet NAVD88)	Screened Interval (feet below grade surface)	Depth of Well (feet below grade surface)	Date Gauged	Depth to Groundwater (feet below grade surface)	Groundwater Elevation (feet NAVD88)
MW10	36.27	25 to 35	35	11/12/2025	28.64	7.63
				11/20/2025	28.30	7.97
MW11	36.3	25 to 35	35	11/10/2025	28.72	7.58
				11/21/2025	28.68	7.62
MW13	35.99	25 to 35	35	11/11/2025	28.05	7.94
				11/20/2025	27.78	8.21
MW15	36.73	25 to 35	35	11/11/2025	28.56	8.17
				11/20/2025	28.65	8.08

Notes:
1. bgs = below grade surface
2. Elevations refer to the North American Vertical Datum of 1988 (NAVD88).
3. Groundwater monitoring wells were surveyed on 5 December 2025 by Langan.

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB10	SB10
					Sample Name	SB01_1-2	SB01_11-12	SB02_2-3	SB02_11.5-12.5	SB03_3-4	SB03_10.5-11.5	SB04_0.5-1.5	SB04_8-9	SB05_1-2	SB05_10-11	SB06_2-3	SB06_6-7	SB-10_3-5	SB-10_11-12
					Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	11/07/2025	11/07/2025
					Sample Depth	1-2	11-12	2-3	11.5-12.5	3-4	10.5-11.5	0.5-1.5	8-9	1-2	10-11	2-3	6-7	3-5	11-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.026 U	NA
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	0.0006 J	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0066 U	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	0.00044 J	<0.0018 U	<0.0066 U	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0033 U	<0.0043 U	<0.0029 U	<0.0044 U	<0.0024 U	<0.0047 U	<0.0057 U	<0.003 U	<0.0028 U	<0.0029 U	<0.0034 U	<0.0028 U	<0.0066 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	0.0003 J	<0.0018 U	<0.0066 U	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.089 U	<0.12 U	<0.078 U	<0.12 U	<0.065 U	<0.12 U	<0.15 U	<0.079 U	<0.075 U	<0.078 U	<0.09 U	<0.074 U	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	<0.0082 U	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.033 U	NA
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<0.011 U	<0.014 U	0.0061 J	<0.015 U	0.023	<0.016 U	0.011 J	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.05 U	NA
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0066 U	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	<0.0045 U	<0.0037 U	<0.026 U	NA
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	0.00016 J	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	<0.0045 U	<0.0037 U	<0.0066 U	NA
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	<0.0082 U	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.0066 U	NA
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0017 U	<0.0022 U	<0.0015 U	<0.0022 U	<0.0012 U	<0.0024 U	<0.0028 U	<0.0015 U	<0.0014 U	<0.0015 U	<0.0017 U	<0.0014 U	<0.0066 U	NA
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	<0.0045 U	<0.0037 U	<0.0066 U	NA
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0066 U	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	<0.0082 U	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.0066 U	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	NA	NA
Ethylbenzene	100-41-4	1	1	76	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	<0.0045 U	<0.0037 U	<0.0066 U	NA
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	0.0039 J	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.04 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	<0.0082 U	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	<0.033 U	NA
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0066 U	NA
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.0055 U	<0.0072 U	<0.0049 U	<0.0074 U	<0.0041 U	<0.0079 U	<0.0094 U	<0.005 U	<0.0047 U	<0.0049 U	<0.0056 U	<0.0046 U	<0.033 U	NA
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	0.033	<0.0037 U	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
n-Propylbenzene	103-65-1	5	5	100	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.0066 U	NA
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0022 U	<0.0029 U	<0.002 U	<0.0029 U	<0.0016 U	<0.0031 U	<0.0038 U	<0.002 U	<0.0019 U	<0.002 U	<0.0022 U	<0.0018 U	<0.013 U	NA
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	0.00021 J	<0.00049 U	0.0047	0.00028 J	<0.0066 U	NA
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	NA	NA
Total Xylenes	1330-20-7	0.26	1.2	100	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	<0.00094 U	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0017 U	<0.0022 U	<0.0015 U	<0.0022 U	<0.0012 U	<0.0024 U	<0.0028 U	<0.0015 U	<0.0014 U	<0.0015 U	<0.0017 U	<0.0014 U	<0.0066 U	NA
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0055 U	<0.0072 U	<0.0049 U	<0.0074 U	<0.0041 U	<0.0079 U	<0.0094 U	<0.005 U	<0.0047 U	<0.0049 U	<0.0056 U	<0.0046 U	<0.013 U	NA
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	<0.00055 U	<0.00072 U	<0.00049 U	<0.00074 U	<0.00041 U	<0.00079 U	0.0022	<0.0005 U	<0.00047 U	<0.00049 U	<0.00056 U	<0.00046 U	<0.0066 U	NA
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0044 U	<0.0058 U	<0.0039 U	<0.0059 U	<0.0033 U	<0.0063 U	<0.0075 U	<0.004 U	<0.0038 U	<0.0039 U	<0.0045 U	<0.0037 U	<0.0066 U	NA
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.011 U	<0.014 U	<0.0098 U	<0.015 U	<0.0082 U	<0.016 U	<0.019 U	<0.0099 U	<0.0094 U	<0.0098 U	<0.011 U	<0.0093 U	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0011 U	<0.0014 U	<0.00098 U	<0.0015 U	<0.00082 U	<0.0016 U	<0.0019 U	<0.00099 U	<0.00094 U	<0.00098 U	<0.0011 U	<0.00093 U	<0.0066 U	NA

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB10	SB10
					Sample Name	SB01_1-2	SB01_11-12	SB02_2-3	SB02_11.5-12.5	SB03_3-4	SB03_10.5-11.5	SB04_0.5-1.5	SB04_8-9	SB05_1-2	SB05_10-11	SB06_2-3	SB06_6-7	SB-10_3-5	SB-10_11-12
					Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	11/07/2025	11/07/2025
					Sample Depth	1-2	11-12	2-3	11.5-12.5	3-4	10.5-11.5	0.5-1.5	8-9	1-2	10-11	2-3	6-7	3-5	11-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.174 UJ	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0869 UJ	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.034 U	<0.027 U	<0.028 U	<0.028 U	<0.028 U	<0.029 U	<0.027 U	<0.027 U	<0.029 U	<0.0194 U	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.174 UJ	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 U	<0.14 U	<0.12 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.0869 UJ	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.17 U	<0.22 U	<0.18 U	<0.21 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.17 U	<0.0869 UJ	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.9 U	<1.2 U	<0.97 U	<1.1 U	<0.86 U	<0.88 U	<0.89 U	<0.89 U	<0.93 U	<0.86 U	<0.86 U	<0.92 U	<0.174 UJ	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.024 J	<0.29 U	<0.24 U	<0.28 U	0.084 J	<0.22 U	0.074 J	<0.22 U	0.16 J	<0.22 U	0.027 J	<0.23 U	<0.0869 UJ	NA
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.174 UJ	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.4 U	<0.52 U	<0.44 U	<0.5 U	<0.39 U	<0.4 U	<0.4 U	<0.4 U	<0.42 U	<0.39 U	<0.39 U	<0.42 U	<0.0869 UJ	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.27 U	<0.34 U	<0.29 U	<0.33 U	<0.26 U	<0.26 U	<0.27 U	<0.27 U	<0.28 U	<0.26 U	<0.26 U	<0.28 U	<0.0869 UJ	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 UJ	<0.18 UJ	<0.19 UJ	<0.18 UJ	<0.18 UJ	<0.19 UJ	<0.0869 UJ	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.174 UJ	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.49 U	<0.62 U	<0.52 U	<0.6 U	<0.46 U	<0.48 U	<0.48 U	<0.48 U	<0.5 U	<0.47 U	<0.47 U	<0.5 U	<0.174 UJ	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.174 UJ	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.26 U	<0.34 U	<0.28 U	<0.32 U	<0.25 U	<0.26 U	<0.26 U	<0.26 U	<0.27 U	<0.25 U	<0.25 U	<0.27 U	<0.174 UJ	NA
Acenaphthene	83-32-9	20	98	100	mg/kg	0.092 J	<0.19 U	<0.16 U	0.035 J	0.25	<0.15 U	0.058 J	<0.15 U	0.087 J	<0.14 U	0.062 J	<0.15 U	<0.0869 UJ	NA
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.081 J	<0.19 U	<0.16 U	<0.18 U	0.085 J	<0.15 U	0.093 J	<0.15 U	0.17	0.05 J	0.046 J	<0.15 U	<0.0869 UJ	NA
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	0.04	0.04	8.1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.348 UJ	NA
Anthracene	120-12-7	100	1000	100	mg/kg	0.23	<0.14 U	0.052 J	0.048 J	0.47	<0.11 U	0.17	<0.11 U	0.33	0.041 J	0.18	<0.12 U	0.0528 J	NA
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0869 UJ	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0869 UJ	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.348 UJ	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.68	0.041 J	0.16	0.13 J	0.67	0.024 J	0.72	0.049 J	1	0.18	0.58	<0.12 U	0.163 J	NA
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	0.58	<0.19 U	0.15 J	0.13 J	0.56	<0.15 U	0.66	0.046 J	**1.1**	0.18	0.51	<0.15 U	0.165 J	NA
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	0.73	0.09 J	0.18	0.15	0.7	<0.11 U	0.89	0.055 J	**1.3**	0.24	0.64	<0.12 U	0.138 J	NA
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	0.39	0.044 J	0.086 J	0.086 J	0.27	<0.15 U	0.47	0.028 J	**0.8**	0.11 J	0.36	<0.15 U	0.108 J	NA
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.25	<0.14 U	0.068 J	0.053 J	0.22	<0.11 U	0.23	<0.11 U	0.42	0.081 J	0.18	<0.12 U	0.137 J	NA
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.61 U	<0.78 U	<0.65 U	<0.74 U	<0.58 U	<0.59 U	<0.6 UJ	<0.6 UJ	<0.63 UJ	<0.58 UJ	<0.58 UJ	<0.62 UJ	<0.0869 UJ	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.43 U	<0.55 U	<0.46 U	<0.52 U	0.023 J	<0.42 U	<0.42 U	<0.42 U	0.064 J	<0.41 U	<0.41 U	<0.44 U	<0.0869 UJ	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.26 U	<0.22 U	<0.25 U	<0.19 U	<0.2 U	<0.2 U	<0.2 U	<0.21 U	<0.19 U	<0.19 U	<0.21 U	<0.0869 UJ	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.17 U	<0.22 U	<0.18 U	<0.21 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.17 U	<0.0869 UJ	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.22 U	<0.29 U	<0.24 U	<0.28 U	<0.21 U	<0.22 U	<0.22 U	<0.22 U	<0.23 U	<0.22 U	<0.22 U	<0.23 U	<0.0869 UJ	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	0.14 J	<0.18 U	0.18 J	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.174 UJ	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.12 J	<0.24 U	<0.2 U	<0.23 U	0.14 J	<0.18 U	0.077 J	<0.18 U	0.088 J	0.031 J	0.073 J	<0.19 U	<0.0869 UJ	NA
Chrysene	218-01-9	**1**	1	4.9	mg/kg	0.68	0.053 J	0.17	0.13 J	0.61	0.023 J	0.78	0.046 J	1	0.21	0.56	<0.12 U	0.154 J	NA
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.094 J	<0.14 U	<0.12 U	<0.14 U	0.068 J	<0.11 U	0.12	<0.11 U	0.16	0.029 J	0.084 J	<0.12 U	<0.0869 UJ	NA
Dibenzofuran	132-64-9	2.1	110	18	mg/kg	0.059 J	<0.24 U	<0.2 U	<0.23 U	0.15 J	<0.18 U	0.047 J	<0.18 U	0.15 J	0.026 J	0.046 J	<0.19 U	<0.0869 UJ	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.174 UJ	NA
Fluoranthene	206-44-0	85	1000	100	mg/kg	1.4	0.059 J	0.35	0.32	1.6	0.041 J	1.3	0.086 J	1.9	0.41	1.2	0.026 J	0.327 J	NA
Fluorene	86-73-7	30	386	100	mg/kg	0.075 J	<0.24 U	<0.2 U	0.028 J	0.23	<0.18 U	0.056 J	<0.18 U	0.12 J	0.02 J	0.064 J	<0.19 U	<0.0869 UJ	NA
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.11 U	<0.14 U	<0.12 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.0869 UJ	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.54 U	<0.69 U	<0.58 U	<0.66 U	<0.51 U	<0.52 U	<0.53 U	<0.53 U	<0.55 U	<0.51 U	<0.51 U	<0.55 U	<0.0869 UJ	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.19 U	<0.16 U	<0.18 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<0.0869 UJ	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	0.35	0.044 J	0.081 J	0.073 J	0.28	<0.15 U	0.45	0.028 J	**0.72**	0.12 J	0.33	<0.15 U	0.0903 J	NA
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.17 U	<0.22 U	<0.18 U	<0.21 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.17 U	<0.0869 UJ	NA
Naphthalene	91-20-3	12	12	100	mg/kg	0.049 J	<0.24 U	<0.2 U	0.028 J	0.11 J	<0.18 U	0.079 J	<0.18 U	0.41	0.028 J	0.053 J	<0.19 U	<0.0869 UJ	NA
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.17 U	<0.22 U	<0.18 U	<0.21 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.17 U	<0.0869 UJ	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0869 UJ	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.19 U	<0.16 U	<0.18 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<0.0869 UJ	NA
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.15 U	<0.19 U	<0.16 U	<0.18 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<0.0869 UJ	NA
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	1	0.048 J	0.24	0.27	**1.7**	0.024 J	0.87	0.039 J	1	0.32	0.86	<0.12 U	0.185 J	NA
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.19 U	<0.24 U	<0.2 U	<0.23 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.0869 UJ	NA
Pyrene	129-00-0	64	1000	100	mg/kg	1.2	0.052 J	0.31	0.28	1.3	0.037 J	1.2	0.076 J	1.9	0.34	1.1	0.024 J	0.243 J	NA
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.348 UJ	NA

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB10	SB10
					Sample Name	SB01_1-2	SB01_11-12	SB02_2-3	SB02_11.5-12.5	SB03_3-4	SB03_10.5-11.5	SB04_0.5-1.5	SB04_8-9	SB05_1-2	SB05_10-11	SB06_2-3	SB06_6-7	SB-10_3-5	SB-10_11-12
					Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	11/07/2025	11/07/2025
					Sample Depth	1-2	11-12	2-3	11.5-12.5	3-4	10.5-11.5	0.5-1.5	8-9	1-2	10-11	2-3	6-7	3-5	11-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																			
4,4'-DDD	72-54-8	0.0033	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0347 UP	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00174 UP	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.174 UP	NA
Herbicides																			
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.021 UP	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.021 UP	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.021 UP	NA
Polychlorinated Biphenyl																			
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
Total PCBs	1336-36-3	0.1	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0175 UP	NA
Metals																			
Aluminum	7429-90-5	NS	NS	NS	mg/kg	5,480	7,530 J	9,970	4,860	6,900	4,310	6,090	6,900	5,350	7,370	5,390	8,400	6,460	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.42 U	1.25 J	<4.84 U	3.87 J	<4.36 U	<4.35 U	1.33 J	3.96 J	2.24 J	0.726 J	1.62 J	0.824 J	<2.2 U	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	4.36	**20.4 J**	7	**21.7**	5.5	2.95	5.71 J	8.51	4.5	2.74	4.42	2.71	3.87	NA
Barium	7440-39-3	**410**	820	410	mg/kg	94.8	391 J	59.4	359	60	80	118 J	62	94.9	53.8	87.3	47.5	159	NA
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.404 J	0.533 J	0.693	0.387 J	0.448	0.261 J	0.357 J	0.342 J	0.371 J	0.4 J	0.348 J	0.472	0.362	NA
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	0.158 J	0.21 J	<0.969 U	0.482 J	0.167 J	0.25 J	0.849 J	<0.886 U	0.24 J	0.127 J	<0.851 U	<0.922 U	0.511	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	5,610	17,100	4,710	12,500	1,250	1,380	26,500	7,310	22,600	2,250	26,600	1,270	19,700	NA
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	<0.908 U	<1.16 U	<0.983 U	<1.12 U	<0.879 U	<0.909 U	<0.903 U	<0.909 U	<0.932 UJ	<0.882 UJ	<0.878 UJ	<0.931 U	<0.528 U	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	14.7	21 J	17.6	16.7	17	12.8	14.1	16.6	20.6	14.5	13.7	17.8	16.4	NA
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	14.7	21	17.6	16.7	17	12.8	13.4 J	16.1 J	20.6	14.5	13.7	17.6 J	16.4	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	7.14	5.97	7.39	10.2	5.13	3.49	4.73	5.81	6.89	6.39	6.18	7.5	6.34	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	34.3	**1,680 J**	22.6	**3,270**	37.8	26.2	**149 J**	29.5	**106**	25	**71.2**	37.9	27.4	NA
Cyanide	57-12-5	2.3	40	13	mg/kg	<1 U	0.32 J	<1.1 U	0.38 J	<1.1 U	<1 U	<1.1 U	<1.1 U	<1.2 U	<1.1 U	<1.1 U	<1.1 U	<0.528 U	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	18,500	12,600 J	29,000	25,700	19,600	12,800	13,000	27,500	23,000	16,000	15,500	20,300	31,800	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**183**	**2,010 J**	62.4	**723**	**131**	**259**	**440 J**	**269**	**250**	**111**	**241**	40.7	**416**	NA
Magnesium	7439-95-4	NS	NS	NS	mg/kg	3,080	1,030 J	2,830	796	1,600	1,320	2,330	3,270	12,600	2,480	2,410	1,780	3,080	NA
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	427	255	821	146	337	118	251	155	345	318	306	376	632	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.721**	**1.51**	**0.235**	**2.81**	**0.85**	**0.862**	**6.34 J**	**0.916**	**2.41**	**0.702**	**1.67**	0.132	**0.79**	**0.614 B**
Nickel	7440-02-0	**30**	130	320	mg/kg	14.8	14.2	16.1	**63**	11.9	7.97	12.4	8.84	16.3	14.3	11.2	13.4	14.4	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	728	577	699	505	534	462	954	493	1,100	964	677	643	1,340	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.77 U	1.12 J	<1.94 U	2.54	0.418 J	1.05 J	0.349 J	<1.77 U	<1.79 U	<1.71 U	0.237 J	<1.84 U	<2.2 U	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.442 U	0.332 J	<0.484 U	**3.65**	<0.436 U	<0.435 U	<0.442 U	<0.443 U	<0.447 U	<0.428 U	<0.425 U	<0.461 U	<0.444 U	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	62 J	310	195	218 J	76.7 J	74.2 J	268	187	93.9 J	73.2 J	77.7 J	45.3 J	185	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	0.311 J	0.569 J	0.338 J	0.475 J	0.38 J	<1.74 U	<1.77 U	<1.77 U	<1.79 U	<1.71 U	<1.7 U	<1.84 U	<1.76 U	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	26.2	28.7	30.7	27.2	25	17.6	24	30.7	26.2	22.8	28.2	26.6	37	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	105	**294 J**	58.7	**672**	94.5	102	**289 J**	55.7	**265**	**153**	109	62.7	**166**	NA

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB10	SB10
					Sample Name	SB01_1-2	SB01_11-12	SB02_2-3	SB02_11.5-12.5	SB03_3-4	SB03_10.5-11.5	SB04_0.5-1.5	SB04_8-9	SB05_1-2	SB05_10-11	SB06_2-3	SB06_6-7	SB-10_3-5	SB-10_11-12
					Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	11/07/2025	11/07/2025
					Sample Depth	1-2	11-12	2-3	11.5-12.5	3-4	10.5-11.5	0.5-1.5	8-9	1-2	10-11	2-3	6-7	3-5	11-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000799 U	NA
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000811 U	NA
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000792 U	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000803 U	NA
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00528 U	NA
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00528 U	NA
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00106 U	NA
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000799 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00079 UJ	NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000845 U	NA
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000528 U	NA
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00211 U	NA
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00211 U	NA
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000423 UJ	NA
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000376 U	NA
Perfluoro-3-methoxypropanoic Acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000423 U	NA
Perfluoro-4-methoxybutanoic Acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000423 U	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000187 U	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000845 U	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000204 U	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000205 U	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000193 U	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000203 U	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.00115**	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000199 U	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000423 U	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000211 U	NA
General Chemistry																			
Solids, Percent	SOLID	NS	NS	NS	Percent	88.1	69.2	81.4	71.3	91	88	88.6	88	85.8	90.7	91.1	85.9	94.7	77

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB13
					Sample Name	SB-10_13-14	SB-10_13-15	SB-10_26-28	SB-11_0-2	SODUP01_110625	SB-11_10-12	SB-11_25-27	SB-12_2-4	SB-12_9-11	SB-12_24-26	SB-13_3-5	SB-13_12-14	SODUP02_111125	SB-13_25-27
					Sample Date	11/07/2025	11/07/2025	11/07/2025	11/06/2025	11/06/2025	11/06/2025	11/10/2025	11/05/2025	11/05/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025
					Sample Depth	13-14	13-15	26-28	0-2	0-2	10-12	25-27	2-4	9-11	24-26	3-5	12-14	12-14	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	<0.042 U	<0.041 U	<0.029 U	<0.021 U	<0.023 U	<0.025 U	<0.027 U	<0.02 U	<0.033 U	<0.029 U	<0.025 U	<0.025 U	<0.024 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	0.0015 J	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	0.00089 J	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	<0.052 U	<0.051 U	<0.036 U	<0.027 U	<0.028 U	<0.031 U	<0.034 U	<0.025 U	<0.042 U	<0.036 U	<0.031 U	<0.031 U	<0.03 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	NA	**0.072 S**	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	<0.042 U	<0.041 U	<0.029 U	<0.021 U	<0.023 U	<0.025 U	<0.027 U	<0.02 U	<0.033 U	<0.029 U	<0.025 U	<0.025 U	<0.024 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	0.004 J	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	1	1	76	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	0.0037 J	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	<0.1 U	<0.1 U	<0.073 U	<0.053 U	<0.057 U	<0.062 U	<0.067 U	<0.051 U	<0.084 U	<0.072 U	<0.063 U	<0.061 U	<0.059 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	NA	0.02 J	<0.061 U	<0.044 U	<0.032 U	<0.034 U	<0.037 U	<0.04 U	<0.03 U	<0.05 U	<0.043 U	<0.038 U	<0.037 U	<0.036 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	<0.052 U	<0.051 U	<0.036 U	<0.027 U	<0.028 U	<0.031 U	<0.034 U	<0.025 U	<0.042 U	<0.036 U	<0.031 U	<0.031 U	<0.03 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	NA	0.016 J	<0.05 U	<0.036 U	<0.027 U	<0.028 U	<0.031 U	<0.034 U	<0.025 U	<0.042 U	<0.036 U	<0.031 U	<0.031 U	<0.03 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
n-Propylbenzene	103-65-1	5	5	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	0.0021 J	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	<0.21 U	<0.2 U	<0.15 U	<0.11 U	<0.11 U	<0.12 U	<0.13 U	<0.1 U	<0.17 U	<0.14 U	<0.13 U	<0.12 U	<0.12 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	NA	<0.021 U	<0.02 U	<0.015 U	<0.011 U	<0.011 U	<0.012 U	<0.013 U	<0.01 U	<0.017 U	<0.014 U	<0.013 U	<0.012 U	<0.012 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	0.0031 J	<0.0051 U	0.0024 J	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	NA	<0.01 U	<0.01 U	0.0012 J	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	0.00096 J	0.0019 J	<0.0059 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	0.26	1.2	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	<0.021 U	<0.02 U	<0.015 U	<0.011 U	<0.011 U	<0.012 U	<0.013 U	<0.01 U	<0.017 U	<0.014 U	<0.013 U	<0.012 U	<0.012 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	NA	<0.01 U	<0.01 U	<0.0073 U	<0.0053 U	<0.0057 U	<0.0062 U	<0.0067 U	<0.0051 U	<0.0084 U	<0.0072 U	<0.0063 U	<0.0061 U	<0.0059 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB13
					Sample Name	SB-10_13-14	SB-10_13-15	SB-10_26-28	SB-11_0-2	SODUP01_110625	SB-11_10-12	SB-11_25-27	SB-12_2-4	SB-12_9-11	SB-12_24-26	SB-13_3-5	SB-13_12-14	SODUP02_111125	SB-13_25-27
					Sample Date	11/07/2025	11/07/2025	11/07/2025	11/06/2025	11/06/2025	11/06/2025	11/10/2025	11/05/2025	11/05/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025
					Sample Depth	13-14	13-15	26-28	0-2	0-2	10-12	25-27	2-4	9-11	24-26	3-5	12-14	12-14	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	<0.0196 U	<0.0196 U	<0.0192 U	<0.0192 U	<0.0194 U	<0.0196 U	<0.0198 U	<0.0198 U	<0.0196 U	<0.0185 U	<0.0198 U	<0.0198 U	<0.0198 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
Acenaphthene	83-32-9	20	98	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.0485 J	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.178 D	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.0596 J	0.0617 J	<0.0901 UJ	<0.0879 U	0.0503 JD	<0.091 U	<0.0832 UJ	<0.0928 U	0.0626 JD	<0.0853 U	<0.0851 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	0.04	0.04	8.1	mg/kg	NA	<0.361 UJ	<0.351 UJ	<0.347 UJ	<0.36 UJ	<0.361 UJ	<0.352 U	<0.36 U	<0.364 U	<0.333 UJ	<0.371 U	<0.345 U	<0.341 U	<0.341 U
Anthracene	120-12-7	100	1000	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.143 J	0.145 J	<0.0901 UJ	<0.0879 U	0.466 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.0839 JD	<0.0853 U	<0.0851 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	<0.361 UJ	<0.351 UJ	<0.347 UJ	<0.36 UJ	<0.361 UJ	<0.352 U	<0.36 U	<0.364 U	<0.333 UJ	<0.371 U	<0.345 U	<0.341 U	<0.341 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.603 J	0.627 J	<0.0901 UJ	0.085 JD	**1.13 D**	<0.091 U	<0.0832 UJ	<0.0928 U	0.292 J	<0.0853 UJ	<0.0851 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.588 J	0.622 J	<0.0901 UJ	0.0871 JD	0.768 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.294 J	<0.0853 UJ	<0.0851 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.624 J	0.539 J	<0.0901 UJ	0.073 JD	0.757 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.229 D	<0.0853 U	<0.0851 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.345 J	0.365 J	<0.0901 UJ	0.0449 JD	0.371 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.3 J	<0.0853 UJ	<0.0851 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.482 J	0.487 J	<0.0901 UJ	0.0688 JD	0.691 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.253 D	<0.0853 U	<0.0851 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	0.0697 JD	<0.086 U	<0.0853 U	<0.0851 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.0474 JD	<0.091 U	0.0465 J	<0.0928 U	0.0571 JD	<0.0853 U	<0.0851 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.0478 J	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.2 D	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.618 J	0.635 J	<0.0901 UJ	0.0801 JD	**1.05 D**	<0.091 U	<0.0832 UJ	<0.0928 U	0.309 J	<0.0853 UJ	<0.0851 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.116 J	0.123 J	<0.0901 UJ	<0.0879 U	0.147 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.0702 JD	<0.0853 U	<0.0851 U
Dibenzofuran	132-64-9	2.1	110	18	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.107 D	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	<0.18 UJ	<0.175 UJ	<0.173 UJ	<0.179 UJ	<0.18 UJ	<0.175 U	<0.18 U	<0.182 U	<0.166 UJ	<0.185 U	<0.172 U	<0.17 U	<0.17 U
Fluoranthene	206-44-0	85	1000	100	mg/kg	NA	0.0641 J	<0.0875 UJ	1.27 J	1.27 J	<0.0901 UJ	0.162 D	2.45 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.517 J	<0.0853 UJ	<0.0851 U
Fluorene	86-73-7	30	386	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.191 D	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.307 J	0.327 J	<0.0901 UJ	0.0499 JD	0.476 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.243 D	<0.0853 U	<0.0851 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	0.0848 JD	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	0.495 J	0.56 J	<0.0901 UJ	0.078 JD	**1.8 D**	<0.091 U	<0.0832 UJ	<0.0928 U	0.268 J	<0.0853 UJ	<0.0851 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	NA	<0.0901 UJ	<0.0875 UJ	<0.0867 UJ	<0.0898 UJ	<0.0901 UJ	<0.0879 U	<0.0899 U	<0.091 U	<0.0832 UJ	<0.0928 U	<0.086 U	<0.0853 U	<0.0851 U
Pyrene	129-00-0	64	1000	100	mg/kg	NA	0.0497 J	<0.0875 UJ	1.02 J	1.12 J	<0.0901 UJ	0.138 D	2.14 D	<0.091 U	<0.0832 UJ	<0.0928 U	0.622 J	<0.0853 UJ	<0.0851 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	<0.361 UJ	<0.351 UJ	<0.347 UJ	<0.36 UJ	<0.361 UJ	<0.352 U	<0.36 U	<0.364 U	<0.333 UJ	<0.371 U	<0.345 U	<0.341 U	<0.341 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB13
					Sample Name	SB-10_13-14	SB-10_13-15	SB-10_26-28	SB-11_0-2	SODUP01_110625	SB-11_10-12	SB-11_25-27	SB-12_2-4	SB-12_9-11	SB-12_24-26	SB-13_3-5	SB-13_12-14	SODUP02_111125	SB-13_25-27
					Sample Date	11/07/2025	11/07/2025	11/07/2025	11/06/2025	11/06/2025	11/06/2025	11/10/2025	11/05/2025	11/05/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025
					Sample Depth	13-14	13-15	26-28	0-2	0-2	10-12	25-27	2-4	9-11	24-26	3-5	12-14	12-14	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																			
4,4'-DDD	72-54-8	0.0033	14	5	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	**0.00562 J**	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	**0.0149 DP**	<0.00181 UP	<0.00165 UP	0.00296 J	<0.0017 UP	<0.00169 UP	<0.00168 UP
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	<0.036 UP	<0.035 UP	<0.0349 UP	<0.0355 UP	<0.0355 UP	<0.0349 UP	<0.0358 UP	<0.0362 UP	<0.033 UP	<0.0362 UJ	<0.0339 UP	<0.0337 UP	<0.0337 UP
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	0.0022 J	<0.0017 UP	<0.00169 UP	<0.00168 UP
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	0.00247 DP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	<0.0018 UP	<0.00175 UP	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP	<0.00179 UP	<0.00181 UP	<0.00165 UP	<0.00181 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	<0.18 UP	<0.175 UP	<0.174 UP	<0.178 UP	<0.178 UP	<0.174 UP	<0.179 UP	<0.181 UP	<0.165 UP	<0.181 UJ	<0.17 UP	<0.169 UP	<0.168 UP
Herbicides																			
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	<0.0217 UP	<0.0211 UP	<0.0209 UP	<0.0213 UP	<0.0215 UP	<0.0207 UP	<0.0217 UP	<0.022 UP	<0.0198 UP	<0.0222 UP	<0.0205 UP	<0.0292 UP	<0.0203 UP
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	<0.0217 UP	<0.0211 UP	<0.0209 UP	<0.0213 UP	<0.0215 UP	<0.0207 UP	<0.0217 UP	<0.022 UP	<0.0198 UP	<0.0222 UP	<0.0205 UP	<0.0292 UP	<0.0203 UP
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	<0.0217 UP	<0.0211 UP	<0.0209 UP	<0.0213 UP	<0.0215 UP	<0.0207 UP	<0.0217 UP	<0.022 UP	<0.0198 UP	<0.0222 UP	<0.0205 UP	<0.0292 UP	<0.0203 UP
Polychlorinated Biphenyl																			
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	<0.0183 UP	<0.0171 UP	<0.017 UP	<0.017 UP
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	0.0389 P	<0.0171 UP	<0.017 UP	<0.017 UP
Total PCBs	1336-36-3	0.1	3.2	1	mg/kg	NA	<0.0182 UP	<0.0177 UP	<0.0176 UP	<0.0179 UP	<0.0179 UP	<0.0176 UP	<0.0181 UP	<0.0183 UP	<0.0167 UP	0.0389 P	<0.0171 UP	<0.017 UP	<0.017 UP
Metals																			
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	8,030	4,460	8,370 J	13,400	14,700	5,850	6,010	14,100	3,550	6,930	4,050	3,230	2,740
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	<2.28 U	<2.22 U	<2.22 UJ	<2.27 U	<2.26 U	<2.22 U	<2.27 U	<2.3 U	<2.1 U	<2.32 U	<2.16 UJ	<2.14 U	<2.13 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	NA	7.03	1.76	9.65	9.3	2.91	4.2	3.3	2.94	<1.26 U	5.29	<1.3 U	1.44	<1.28 U
Barium	7440-39-3	**410**	820	410	mg/kg	NA	110	250	109	156	39.8	42.7	53.2	47.2	18.3	95.6	28.1	19	13.6
Beryllium	7440-41-7	4.4	47	43	mg/kg	NA	0.294	0.109	0.692 J	0.591	0.191	0.1	0.17	0.224	0.065	0.155	0.095	0.136	0.056
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	NA	<0.274 U	<0.266 U	0.585	0.589	<0.271 U	<0.266 U	<0.272 U	<0.275 U	<0.252 U	0.53	<0.26 U	<0.256 U	<0.256 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	4,470	1,170	7,320 J	10,100	992	1,910	33,700	1,110	7,230	50,800	614 J	1,140 J	802
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	NA	<0.547 U	<0.532 U	<0.532 UJ	<0.544 U	<0.542 U	0.867	<0.544 U	<0.551 U	<0.504 U	<0.558 U	<0.519 U	<0.513 U	<0.512 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	17.2	11.9	20.1 J	36.1 J	23.9	18.7	13.8	22	10.3	29	7.37	7.66	5.59
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	NA	17.2	11.9	20.1 J	**36.1 J**	23.9	17.8	13.8	22	10.3	29	7.37	7.66	5.59
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	5.52	5	7.79 J	7.56	6.01	5.16	3.88	5.31	2.77	5.99	3.02	4.15	3.38
Copper	7440-50-8	**50**	1720	280	mg/kg	NA	33.1	13.4	**157 J**	**117**	7.73	20.1	34	11.2	9.32	**74.2**	6.4 J	11.2 J	5.78
Cyanide	57-12-5	2.3	40	13	mg/kg	NA	<0.547 U	<0.532 U	<0.532 U	<0.544 U	<0.542 U	<0.532 U	<0.544 U	<0.551 U	<0.504 U	<0.558 U	<0.519 U	<0.513 U	<0.512 U
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	16,500	12,000	18,500 J	25,700	16,900	14,300	14,600	17,500	9,020	15,600	7,120 J	14,800 J	6,690
Lead	7439-92-1	**63**	450	400	mg/kg	NA	**146**	2.21	**237 J**	**191**	8.55	24	**75.7**	37.5	5.63	**181**	1.28	1.85	1.54
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	1,580	1,660	2,400 J	2,320	2,070	3,020	6,870	2,030	3,130	17,400	1,570	1,270	1,260
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	NA	189	**2,390**	272	289	155	378	235	201	166	274	215	318	148
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**2.19 BD**	0.0687	<0.0319 U	**3.47**	**4.05**	0.0333	**0.229**	**0.68**	0.0497	<0.0302 U	**1.17**	**1.43 J**	<0.0308 UJ	<0.0307 U
Nickel	7440-02-0	**30**	130	320	mg/kg	NA	12.9	12.3	18.9 J	18.8	11.2	12.6	10.2	10.9	6.43	22.4	6.75	7.96	5.65
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	989	722	1,000	1,580	738	986	1,040	737	575	981	565	483	362
Selenium	7782-49-2	3.9	4	110	mg/kg	NA	<2.28 U	<2.22 U	<2.22 U	<2.27 U	<2.26 U	<2.22 U	<2.27 U	<2.3 U	<2.1 U	<2.32 U	<2.16 U	<2.14 U	<2.13 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	NA	<0.46 U	<0.447 U	<0.447 U	<0.457 U	<0.455 U	<0.447 U	<0.457 U	<0.463 U	<0.423 U	<0.469 U	<0.436 U	<0.431 U	<0.43 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	299	93	<280 U	<431 U	<111 U	165	157	171	<202 U	415	55	109	75
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	<1.83 U	<1.78 U	<1.78 U	<1.82 U	<1.81 U	<1.78 U	<1.82 U	<1.84 U	<1.68 U	<1.86 U	<1.73 U	<1.71 U	<1.71 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	30.7	24.4	25.4	30.1	30.8	18.2	24.8	28.1	14.9	34.7	9.61 J	21.6 J	8.4
Zinc	7440-66-6	**109**	2480	6600	mg/kg	NA	93.5	21	**530 J**	**252 J**	24.2	47.6	78.9	40.5	13.8	**267**	13.2	17.4	9.25

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB13
					Sample Name	SB-10_13-14	SB-10_13-15	SB-10_26-28	SB-11_0-2	SODUP01_110625	SB-11_10-12	SB-11_25-27	SB-12_2-4	SB-12_9-11	SB-12_24-26	SB-13_3-5	SB-13_12-14	SODUP02_111125	SB-13_25-27
					Sample Date	11/07/2025	11/07/2025	11/07/2025	11/06/2025	11/06/2025	11/06/2025	11/10/2025	11/05/2025	11/05/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025
					Sample Depth	13-14	13-15	26-28	0-2	0-2	10-12	25-27	2-4	9-11	24-26	3-5	12-14	12-14	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	NS	NS	mg/kg	NA	<0.000827 U	<0.000804 U	<0.000804 U	<0.000822 U	<0.000819 U	<0.000804 U	<0.000823 U	<0.000831 U	<0.000761 U	<0.000844 UJ	<0.000785 UJ	<0.000775 UJ	<0.000774 UJ
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	NS	NS	mg/kg	NA	<0.00084 U	<0.000817 U	<0.000817 UJ	<0.000835 UJ	<0.000832 UJ	<0.000817 U	<0.000836 U	<0.000845 U	<0.000774 UJ	<0.000857 U	<0.000798 U	<0.000788 U	<0.000786 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	NA	<0.000821 U	<0.000798 U	<0.000798 U	<0.000816 U	<0.000813 U	<0.000798 U	<0.000816 UJ	<0.000825 U	<0.000755 U	<0.000837 UJ	<0.000779 UJ	<0.000769 UJ	<0.000768 UJ
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	NA	<0.000832 U	<0.000808 U	<0.000808 U	<0.000827 U	<0.000824 U	<0.000809 U	<0.000827 U	<0.000836 U	<0.000765 U	<0.000848 U	<0.000789 U	<0.00078 U	<0.000778 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	NA	<0.00547 U	<0.00532 U	<0.00532 U	<0.00544 U	<0.00542 U	<0.00532 U	<0.00544 U	<0.0055 U	<0.00504 U	<0.00558 U	<0.00519 U	<0.00513 U	<0.00512 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	NA	<0.00547 U	<0.00532 U	<0.00532 U	<0.00544 U	<0.00542 U	<0.00532 U	<0.00544 U	<0.0055 U	<0.00504 U	<0.00558 U	<0.00519 U	<0.00513 U	<0.00512 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	NA	<0.00109 U	<0.00106 U	<0.00106 U	<0.00109 U	<0.00108 U	<0.00106 U	<0.00109 U	<0.0011 U	<0.00101 U	<0.00112 U	<0.00104 U	<0.00103 U	<0.00102 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	NA	<0.000827 U	<0.000804 U	<0.000804 UJ	<0.000822 UJ	<0.000819 UJ	<0.000804 U	<0.000823 U	<0.000831 U	<0.000761 UJ	<0.000844 UJ	<0.000785 U	<0.000775 UJ	<0.000774 UJ
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	NS	NS	mg/kg	NA	<0.000818 UJ	<0.000796 UJ	<0.000796 UJ	<0.000814 UJ	<0.000811 UJ	<0.000796 UJ	<0.000814 UJ	<0.000823 UJ	<0.000753 UJ	<0.000835 UJ	<0.000777 UJ	<0.000767 UJ	<0.000766 UJ
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	NA	<0.000875 U	<0.000851 U	<0.000851 U	<0.00087 U	<0.000867 U	<0.000851 U	<0.000871 U	<0.00088 U	<0.000806 U	<0.000893 U	<0.000831 U	<0.000821 U	<0.000819 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	NA	<0.000547 U	<0.000532 U	<0.000532 U	<0.000544 U	<0.000542 U	<0.000532 U	<0.000544 U	<0.00055 U	<0.000504 U	<0.000558 U	<0.000519 U	<0.000513 U	<0.000512 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	NA	<0.00219 U	<0.00213 U	<0.00213 U	<0.00218 U	<0.00217 U	<0.00213 U	<0.00218 U	<0.0022 U	<0.00201 U	<0.00223 U	<0.00208 U	<0.00205 U	<0.00205 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 UJ	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 UJ	<0.00022 UJ	<0.000201 UJ	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	NA	<0.00219 U	<0.00213 U	<0.00213 U	<0.00218 U	<0.00217 U	<0.00213 U	<0.00218 U	<0.0022 U	<0.00201 U	<0.00223 U	<0.00208 U	<0.00205 U	<0.00205 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	NA	<0.000438 UJ	<0.000425 UJ	<0.000425 UJ	<0.000435 UJ	<0.000433 UJ	<0.000426 UJ	<0.000435 UJ	<0.00044 UJ	<0.000403 UJ	<0.000446 UJ	<0.000415 UJ	<0.00041 UJ	<0.00041 UJ
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	NA	<0.00039 U	<0.000379 U	<0.000379 U	<0.000387 U	<0.000386 U	<0.000379 U	<0.000388 U	<0.000392 U	<0.000359 U	<0.000397 U	<0.00037 U	<0.000365 U	<0.000365 U
Perfluoro-3-methoxypropanoic Acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	NA	<0.000438 U	<0.000425 U	<0.000425 U	<0.000435 U	<0.000433 U	<0.000426 U	<0.000435 U	<0.00044 U	<0.000403 U	<0.000446 U	<0.000415 U	<0.00041 U	<0.00041 U
Perfluoro-4-methoxybutanoic Acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	NA	<0.000438 U	<0.000425 U	<0.000425 U	<0.000435 U	<0.000433 U	<0.000426 U	<0.000435 U	<0.00044 U	<0.000403 U	<0.000446 U	<0.000415 U	<0.00041 U	<0.00041 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	NA	<0.000194 U	<0.000188 U	<0.000188 U	<0.000193 U	<0.000192 U	<0.000188 U	<0.000193 U	<0.000195 U	<0.000178 U	<0.000198 U	<0.000184 U	<0.000182 U	<0.000181 U
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	NA	<0.000875 U	<0.000851 U	<0.000851 U	<0.00087 U	<0.000867 U	<0.000851 U	<0.000871 U	<0.00088 U	<0.000806 U	<0.000893 U	<0.000831 U	<0.000821 U	<0.000819 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	NA	<0.000211 U	<0.000205 U	<0.000205 U	<0.00021 U	<0.000209 U	<0.000205 U	<0.00021 U	<0.000212 U	<0.000194 U	<0.000215 U	<0.0002 U	<0.000198 U	<0.000198 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 UJ	<0.000205 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	NA	<0.000212 U	<0.000206 U	<0.000206 U	<0.000211 U	<0.00021 U	<0.000206 U	<0.000211 U	<0.000213 U	<0.000195 U	<0.000216 U	<0.000201 U	<0.000199 U	<0.000199 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 UJ	<0.000205 U	<0.000205 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 UJ	<0.000213 U	<0.000218 U	<0.00022 UJ	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	NA	<0.0002 U	<0.000195 U	<0.000195 U	<0.000199 U	<0.000198 U	<0.000195 U	<0.000199 U	<0.000201 U	<0.000184 U	<0.000204 U	<0.00019 U	<0.000188 U	<0.000187 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	NA	<0.00021 U	<0.000204 U	<0.000204 U	<0.000209 U	<0.000208 U	<0.000204 U	<0.000209 U	<0.000211 U	<0.000193 U	<0.000214 UJ	<0.000199 U	<0.000197 UJ	<0.000197 UJ
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 UJ	<0.000205 U	<0.000205 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	NA	0.000238	<0.000198 U	0.0004	0.00037	<0.000202 U	<0.000198 U	0.000101 J	<0.000205 U	<0.000187 U	0.000209	0.0000819 J	0.0000966 J	0.00013 J
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	NA	<0.000219 U	<0.000213 U	0.000132 J	0.000146 J	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 UJ	<0.000208 UJ	<0.000205 UJ	<0.000205 UJ
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	NA	<0.000206 U	<0.0002 U	<0.0002 U	<0.000204 U	<0.000204 U	<0.0002 U	<0.000205 U	<0.000207 U	<0.000189 U	<0.00021 U	<0.000195 U	<0.000193 U	<0.000192 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	NA	<0.000438 U	<0.000425 U	<0.000425 U	<0.000435 U	<0.000433 U	<0.000426 U	<0.000435 U	<0.00044 U	<0.000403 U	<0.000446 U	<0.000415 U	<0.00041 U	<0.00041 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 UJ	<0.000205 U	<0.000205 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	NA	<0.000219 U	<0.000213 U	<0.000213 U	<0.000218 U	<0.000217 U	<0.000213 U	<0.000218 U	<0.00022 U	<0.000201 U	<0.000223 U	<0.000208 U	<0.000205 U	<0.000205 U
General Chemistry																			
Solids, Percent	SOLID	NS	NS	NS	Percent	88.5	91.4	94	94	91.9	92.3	94	91.9	90.7	99.3	89.6	96.3	97.5	97.7

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB17	SB17	SB18	SB18	SB18
					Sample Name	SB-14_0-2	SB-14_10-12	SB-14_25-27	SB-15_3-5	SB-15_13-15	SB-15_25-27	SB-16_11-12	SB-16_13-14	SB-17_11-12	SB-17_13-14	SB-18_2-4	SB-18_10-12	SB-18_25-27
					Sample Date	11/06/2025	11/06/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/10/2025	11/10/2025	11/07/2025	11/07/2025	11/05/2025	11/05/2025	11/05/2025
					Sample Depth	0-2	10-12	25-27	3-5	13-15	25-27	11-12	13-14	11-12	13-14	2-4	10-12	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.025 U	<0.028 U	<0.02 U	<0.032 U	<0.023 U	<0.022 U	NA	NA	NA	NA	<0.026 U	<0.027 U	<0.026 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.031 U	<0.035 U	<0.025 U	<0.04 U	<0.028 U	<0.027 U	NA	NA	NA	NA	<0.032 U	<0.033 U	<0.032 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<0.05 U	<0.05 U	<0.049 U	<0.05 U	<0.05 U	<0.05 U	NA	NA	NA	NA	**0.04 J**	<0.05 U	<0.05 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.025 U	<0.028 U	<0.02 U	<0.032 U	<0.023 U	<0.022 U	NA	NA	NA	NA	<0.026 U	<0.027 U	<0.026 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.0062 U	<0.007 U	0.0011 J	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	0.0015 J
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	0.00066 J	<0.0067 U	<0.0064 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	1	1	76	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	0.0014 J	<0.0067 U	<0.0064 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.062 U	<0.07 U	<0.049 U	<0.081 U	<0.056 U	<0.055 U	NA	NA	NA	NA	<0.065 U	<0.067 U	<0.064 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.037 U	<0.042 U	<0.03 U	<0.048 U	<0.034 U	<0.033 U	NA	NA	NA	NA	0.0094 J	<0.04 U	<0.038 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.031 U	<0.035 U	<0.025 U	<0.04 U	<0.028 U	<0.027 U	NA	NA	NA	NA	<0.032 U	<0.033 U	<0.032 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.031 U	0.0088 J	<0.025 U	<0.04 U	<0.028 U	<0.027 U	NA	NA	NA	NA	<0.032 U	<0.033 U	<0.032 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
n-Propylbenzene	103-65-1	5	5	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.95 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.12 U	<0.14 U	<0.099 U	<0.16 U	<0.11 U	<0.11 U	NA	NA	NA	NA	<0.13 U	<0.13 U	<0.13 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.012 U	<0.014 U	<0.0099 U	<0.016 U	<0.011 U	<0.011 U	NA	NA	NA	NA	<0.013 U	<0.013 U	<0.013 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	0.0017 J	<0.007 U	<0.0049 U	0.019	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	0.00081 J	0.0017 J	0.0048 J	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	0.0017 J	0.0035 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	0.26	1.2	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.012 U	<0.014 U	<0.0099 U	<1.9 U	<0.011 U	<0.011 U	NA	NA	NA	NA	<0.013 U	<0.013 U	<0.013 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0062 U	<0.007 U	<0.0049 U	<0.0081 U	<0.0056 U	<0.0055 U	NA	NA	NA	NA	<0.0065 U	<0.0067 U	<0.0064 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB17	SB17	SB18	SB18	SB18
					Sample Name	SB-14_0-2	SB-14_10-12	SB-14_25-27	SB-15_3-5	SB-15_13-15	SB-15_25-27	SB-16_11-12	SB-16_13-14	SB-17_11-12	SB-17_13-14	SB-18_2-4	SB-18_10-12	SB-18_25-27
					Sample Date	11/06/2025	11/06/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/10/2025	11/10/2025	11/07/2025	11/07/2025	11/05/2025	11/05/2025	11/05/2025
					Sample Depth	0-2	10-12	25-27	3-5	13-15	25-27	11-12	13-14	11-12	13-14	2-4	10-12	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.0194 U	<0.0192 U	<0.0194 U	<0.0185 U	<0.0185 U	<0.0185 U	NA	NA	NA	NA	<0.0196 U	<0.0196 U	<0.0198 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.11 D	<0.0949 U	<0.0846 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
Acenaphthene	83-32-9	20	98	100	mg/kg	0.206 J	<0.0927 UJ	<0.083 UJ	0.181 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.408 D	<0.0949 U	<0.0846 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.0812 J	<0.0927 UJ	<0.083 UJ	0.064 JD	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.424 D	<0.0949 U	<0.0846 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	0.04	0.04	8.1	mg/kg	<0.351 UJ	<0.371 UJ	<0.332 UJ	<0.377 U	<0.35 U	<0.342 U	NA	NA	NA	NA	<0.361 U	<0.38 U	<0.339 U
Anthracene	120-12-7	100	1000	100	mg/kg	0.602 J	<0.0927 UJ	<0.083 UJ	0.515 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	1.44 D	<0.0949 U	<0.0846 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.351 UJ	<0.371 UJ	<0.332 UJ	<0.377 U	<0.35 U	<0.342 U	NA	NA	NA	NA	<0.361 U	<0.38 U	<0.339 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**2.16 J**	<0.0927 UJ	0.0544 J	0.99 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**2.81 D**	0.111 D	<0.0846 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**1.68 J**	<0.0927 UJ	0.0451 J	0.733 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**2.15 D**	0.0766 JD	<0.0846 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**1.65 J**	<0.0927 UJ	0.0445 J	0.703 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**2.13 D**	0.0743 JD	<0.0846 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**0.988 J**	<0.0927 UJ	<0.083 UJ	0.529 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**0.905 D**	<0.0949 U	<0.0846 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**1.42 J**	<0.0927 UJ	<0.083 UJ	0.759 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**1.91 D**	0.0698 JD	<0.0846 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	0.309 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.158 D	<0.0949 U	<0.0846 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.345 J	<0.0927 UJ	<0.083 UJ	0.256 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.383 D	<0.0949 U	<0.0846 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**2.14 J**	<0.0927 UJ	0.0518 J	**1.03 D**	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**2.54 D**	0.1 D	<0.0846 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**0.38 J**	<0.0927 UJ	<0.083 UJ	0.175 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**0.375 D**	<0.0949 U	<0.0846 U
Dibenzofuran	132-64-9	2.1	110	18	mg/kg	0.104 J	<0.0927 UJ	<0.083 UJ	0.1 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.426 D	<0.0949 U	<0.0846 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	0.567 J	<0.0927 UJ	0.102 J	0.619 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.175 UJ	<0.185 UJ	<0.166 UJ	<0.188 U	<0.175 U	<0.171 U	NA	NA	NA	NA	<0.18 U	<0.19 U	<0.169 U
Fluoranthene	206-44-0	85	1000	100	mg/kg	5.08 J	<0.0927 UJ	0.0929 J	1.95 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	5.89 D	0.24 D	<0.0846 U
Fluorene	86-73-7	30	386	100	mg/kg	0.184 J	<0.0927 UJ	<0.083 UJ	0.177 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.8 D	<0.0949 U	<0.0846 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**0.971 J**	<0.0927 UJ	<0.083 UJ	**0.589 D**	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**1.18 D**	<0.0949 U	<0.0846 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.0658 J	<0.0927 UJ	<0.083 UJ	0.108 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	0.227 D	<0.0949 U	<0.0846 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**2.59 J**	<0.0927 UJ	0.0518 J	**1.68 D**	<0.0874 U	<0.0855 U	NA	NA	NA	NA	**5.44 D**	0.186 D	<0.0846 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0876 UJ	<0.0927 UJ	<0.083 UJ	<0.0942 U	<0.0874 U	<0.0855 U	NA	NA	NA	NA	<0.0903 U	<0.0949 U	<0.0846 U
Pyrene	129-00-0	64	1000	100	mg/kg	4.07 J	<0.0927 UJ	0.0869 J	2.14 D	<0.0874 U	<0.0855 U	NA	NA	NA	NA	5.95 D	0.199 D	<0.0846 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.351 UJ	<0.371 UJ	<0.332 UJ	<0.377 U	<0.35 U	<0.342 U	NA	NA	NA	NA	<0.361 U	<0.38 U	<0.339 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB17	SB17	SB18	SB18	SB18
					Sample Name	SB-14_0-2	SB-14_10-12	SB-14_25-27	SB-15_3-5	SB-15_13-15	SB-15_25-27	SB-16_11-12	SB-16_13-14	SB-17_11-12	SB-17_13-14	SB-18_2-4	SB-18_10-12	SB-18_25-27
					Sample Date	11/06/2025	11/06/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/10/2025	11/10/2025	11/07/2025	11/07/2025	11/05/2025	11/05/2025	11/05/2025
					Sample Depth	0-2	10-12	25-27	3-5	13-15	25-27	11-12	13-14	11-12	13-14	2-4	10-12	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	0.0033	14	5	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	**0.0053 J**	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	**0.00697 DP**	<0.0017 UP	NA	NA	NA	NA	**0.00362 J**	<0.00189 UP	<0.00169 UP
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0352 UP	<0.0369 UP	<0.0333 UP	<0.0373 UP	<0.0346 UP	<0.0339 UP	NA	NA	NA	NA	<0.0357 UP	<0.0378 UP	<0.0338 UP
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 U	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00176 UP	<0.00185 UP	<0.00166 UP	<0.00186 UP	<0.00173 UP	<0.0017 UP	NA	NA	NA	NA	<0.00179 UP	<0.00189 UP	<0.00169 UP
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.176 UP	<0.185 UP	<0.166 UP	<0.186 UP	<0.173 UP	<0.17 UP	NA	NA	NA	NA	<0.179 UP	<0.189 UP	<0.169 UP
Herbicides																		
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0211 UP	<0.0224 UP	<0.0199 UP	<0.0225 UP	<0.021 UP	<0.0205 UP	NA	NA	NA	NA	<0.0216 UP	<0.0225 UP	<0.0205 UP
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0211 UP	<0.0224 UP	<0.0199 UP	<0.0225 UP	<0.021 UP	<0.0205 UP	NA	NA	NA	NA	<0.0216 UP	<0.0225 UP	<0.0205 UP
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.0211 UP	<0.0224 UP	<0.0199 UP	<0.0225 UP	<0.021 UP	<0.0205 UP	NA	NA	NA	NA	<0.0216 UP	<0.0225 UP	<0.0205 UP
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
Total PCBs	1336-36-3	0.1	3.2	1	mg/kg	<0.0178 UP	<0.0186 UP	<0.0168 UP	<0.0188 UP	<0.0172 UP	<0.0171 UP	NA	NA	NA	NA	<0.018 UP	<0.0191 UP	<0.0171 UP
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	10,200 J	17,300	5,070	5,220	4,710	2,610	NA	NA	NA	NA	9,480	12,500	4,020
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.24 UJ	<2.35 U	<2.12 U	<2.36 U	<2.19 U	<2.15 U	NA	NA	NA	NA	<2.26 U	<2.39 U	<2.14 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	8.49	2.81	1.88	5.36	1.36	<1.29 U	NA	NA	NA	NA	5.73	2.2	<1.28 U
Barium	7440-39-3	**410**	820	410	mg/kg	68.9	53.5	35	**429**	19.7	16.4	NA	NA	NA	NA	106	63.6	20.7
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.291	0.194	0.054	0.135	0.067	0.053	NA	NA	NA	NA	0.28	0.384	0.091
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	0.358	<0.282 U	<0.254 U	1.05	<0.263 U	<0.258 U	NA	NA	NA	NA	0.489	<0.287 U	<0.257 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	9,120 J	1,350	2,870	35,800	830	792	NA	NA	NA	NA	16,900	1,330	953
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	<0.538 U	<0.563 U	<0.508 U	**2.16**	0.473 J	0.679	NA	NA	NA	NA	<0.543 U	<0.574 U	<0.514 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	17.5	31.8	11.8	27.2	9.38	5.01	NA	NA	NA	NA	18.6	17.5	7.22
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	17.5	**31.8**	11.8	25	8.91	4.33	NA	NA	NA	NA	18.6	17.5	7.22
Cobalt	7440-48-4	NS	NS	NS	mg/kg	6.36	7.02	4.35	8.88	4.03	2.55	NA	NA	NA	NA	6.04	4.58	4.1
Copper	7440-50-8	**50**	1720	280	mg/kg	**64.3 J**	11.3	15.7	**90.4**	7.82	6.23	NA	NA	NA	NA	**110**	13	7.8
Cyanide	57-12-5	2.3	40	13	mg/kg	<0.538 U	<0.563 U	<0.508 U	<0.567 U	<0.526 U	<0.516 U	NA	NA	NA	NA	<0.543 U	<0.574 U	<0.514 U
Iron	7439-89-6	NS	NS	NS	mg/kg	18,400 J	21,500	12,700	17,100	10,300	6,420	NA	NA	NA	NA	18,200	13,600	8,610
Lead	7439-92-1	**63**	450	400	mg/kg	**117 J**	6.52	16.3	**394**	2.07	1.32	NA	NA	NA	NA	**239**	37.5	1.45
Magnesium	7439-95-4	NS	NS	NS	mg/kg	3,580 J	2,730	2,290	8,530	1,490	1,070	NA	NA	NA	NA	5,770	1,870	1,450
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	401 J	220	259	252	235	146	NA	NA	NA	NA	328	360	226
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.574**	0.0781	0.0563	**0.783**	<0.0316 U	<0.031 U	**0.991 B**	**0.954 B**	**1.48 J**	0.163 J	**86.6 D**	0.0952	<0.0339 U
Nickel	7440-02-0	**30**	130	320	mg/kg	15.9	15.6	8.94	19.3	7.06	5.19	NA	NA	NA	NA	16.7	10.6	7.38
Potassium	7440-09-7	NS	NS	NS	mg/kg	1,140	1,000	941	600	607	426	NA	NA	NA	NA	1,290	624	586
Selenium	7782-49-2	3.9	4	110	mg/kg	<2.24 U	<2.35 U	<2.12 U	<2.36 U	<2.19 U	<2.15 U	NA	NA	NA	NA	<2.26 U	<2.39 U	<2.14 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.452 U	<0.473 U	<0.426 U	0.567	<0.442 U	<0.433 U	NA	NA	NA	NA	**14.5**	<0.483 U	<0.431 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	<114 U	<73.2 U	<181 U	163	75.2	75.3	NA	NA	NA	NA	166	138	111
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.88 U	<1.7 U	<1.89 U	<1.76 U	<1.72 U	NA	NA	NA	NA	<1.81 U	<1.92 U	<1.72 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	29.4	35.7	17.9	27.1	12.9	7.86	NA	NA	NA	NA	31.1	21.6	14.8
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**112 J**	32.7	47.2	**484**	14.7	10.3	NA	NA	NA	NA	**165**	43	12.9

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB17	SB17	SB18	SB18	SB18
					Sample Name	SB-14_0-2	SB-14_10-12	SB-14_25-27	SB-15_3-5	SB-15_13-15	SB-15_25-27	SB-16_11-12	SB-16_13-14	SB-17_11-12	SB-17_13-14	SB-18_2-4	SB-18_10-12	SB-18_25-27
					Sample Date	11/06/2025	11/06/2025	11/06/2025	11/11/2025	11/11/2025	11/11/2025	11/10/2025	11/10/2025	11/07/2025	11/07/2025	11/05/2025	11/05/2025	11/05/2025
					Sample Depth	0-2	10-12	25-27	3-5	13-15	25-27	11-12	13-14	11-12	13-14	2-4	10-12	25-27
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	NS	NS	mg/kg	<0.00082 UJ	<0.000856 UJ	<0.000768 U	<0.000857 UJ	<0.000795 UJ	<0.00078 UJ	NA	NA	NA	NA	<0.000821 U	<0.000869 U	<0.000772 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000833 U	<0.000869 U	<0.00078 UJ	<0.00087 U	<0.000808 U	<0.000793 U	NA	NA	NA	NA	<0.000834 U	<0.000882 U	<0.000784 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000814 UJ	<0.000849 UJ	<0.000762 U	<0.00085 UJ	<0.000789 U	<0.000774 U	NA	NA	NA	NA	<0.000814 UJ	<0.000862 U	<0.000766 UJ
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000825 U	<0.00086 U	<0.000772 U	<0.000861 U	<0.000799 U	<0.000784 U	NA	NA	NA	NA	<0.000825 U	<0.000873 U	<0.000776 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00543 U	<0.00566 UJ	<0.00508 U	<0.00567 U	<0.00526 U	<0.00516 U	NA	NA	NA	NA	<0.00543 U	<0.00574 U	<0.00511 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00543 U	<0.00566 UJ	<0.00508 U	<0.00567 U	<0.00526 U	<0.00516 U	NA	NA	NA	NA	<0.00543 U	<0.00574 U	<0.00511 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.00109 U	<0.00113 UJ	<0.00102 U	<0.00113 U	<0.00105 U	<0.00103 U	NA	NA	NA	NA	<0.00109 U	<0.00115 U	<0.00102 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.00082 UJ	<0.000856 UJ	<0.000768 UJ	<0.000857 UJ	<0.000795 UJ	<0.00078 UJ	NA	NA	NA	NA	<0.000821 U	<0.000869 U	<0.000772 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	NS	NS	mg/kg	<0.000812 UJ	<0.000847 UJ	<0.000759 UJ	<0.000848 UJ	<0.000787 UJ	<0.000772 UJ	NA	NA	NA	NA	<0.000812 UJ	<0.000859 UJ	<0.000764 UJ
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000868 U	<0.000906 UJ	<0.000812 U	<0.000907 U	<0.000842 U	<0.000826 U	NA	NA	NA	NA	<0.000869 U	<0.000919 U	<0.000817 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000543 U	<0.000566 U	<0.000508 U	<0.000567 U	<0.000526 U	<0.000516 U	NA	NA	NA	NA	<0.000543 UJ	<0.000574 U	<0.000511 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.00217 U	<0.00226 U	<0.00203 U	<0.00227 U	<0.0021 U	<0.00206 U	NA	NA	NA	NA	<0.00217 U	<0.0023 U	<0.00204 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 UJ	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 UJ	<0.00023 UJ	<0.000204 UJ
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.00217 U	<0.00226 U	<0.00203 U	<0.00227 U	<0.0021 U	<0.00206 U	NA	NA	NA	NA	<0.00217 U	<0.0023 U	<0.00204 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	<0.000434 UJ	<0.000453 UJ	<0.000406 UJ	<0.000453 UJ	<0.000421 UJ	<0.000413 UJ	NA	NA	NA	NA	<0.000434 UJ	<0.00046 UJ	<0.000408 UJ
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	<0.000386 U	<0.000403 UJ	<0.000361 U	<0.000403 U	<0.000374 U	<0.000367 U	NA	NA	NA	NA	<0.000387 U	<0.000409 U	<0.000364 U
Perfluoro-3-methoxypropanoic Acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	<0.000434 U	<0.000453 UJ	<0.000406 U	<0.000453 U	<0.000421 U	<0.000413 U	NA	NA	NA	NA	<0.000434 U	<0.00046 U	<0.000408 U
Perfluoro-4-methoxybutanoic Acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	<0.000434 U	<0.000453 UJ	<0.000406 U	<0.000453 U	<0.000421 U	<0.000413 U	NA	NA	NA	NA	<0.000434 U	<0.00046 U	<0.000408 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000192 U	<0.0002 UJ	<0.00018 U	<0.000201 U	<0.000186 U	<0.000183 U	NA	NA	NA	NA	<0.000192 UJ	<0.000203 U	<0.000181 U
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000868 U	<0.000906 UJ	<0.000812 U	<0.000907 U	<0.000842 U	<0.000826 U	NA	NA	NA	NA	<0.000869 U	<0.000919 U	<0.000817 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000209 U	<0.000218 U	<0.000196 U	<0.000219 U	<0.000203 U	<0.000199 U	NA	NA	NA	NA	<0.00021 UJ	<0.000222 U	<0.000197 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	0.000118 J	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 UJ	<0.00023 U	<0.000204 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.00021 U	<0.00022 U	<0.000197 U	<0.00022 U	<0.000204 U	<0.0002 U	NA	NA	NA	NA	<0.000211 UJ	<0.000223 U	<0.000198 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 UJ	<0.00023 U	<0.000204 U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 UJ	<0.00023 UJ	<0.000204 UJ
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000199 U	<0.000207 UJ	<0.000186 U	<0.000207 U	<0.000192 U	<0.000189 U	NA	NA	NA	NA	<0.000199 U	<0.00021 U	<0.000187 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 UJ	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000208 UJ	<0.000217 UJ	<0.000195 U	<0.000218 UJ	<0.000202 UJ	<0.000198 UJ	NA	NA	NA	NA	<0.000208 UJ	<0.000221 U	<0.000196 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 UJ	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 UJ	<0.00023 U	<0.000204 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 UJ	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 UJ
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	0.000843	<0.000211 U	<0.000189 U	**0.00743**	**0.00152**	0.000328	NA	NA	NA	NA	<0.000202 UJ	<0.000214 U	<0.00019 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000217 UJ	0.000482 J	<0.000203 U	<0.000227 UJ	<0.00021 UJ	<0.000206 UJ	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000204 U	<0.000213 UJ	<0.000191 U	<0.000213 U	<0.000198 U	<0.000194 U	NA	NA	NA	NA	<0.000204 U	<0.000216 U	<0.000192 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000434 U	<0.000453 UJ	<0.000406 U	<0.000453 U	<0.000421 U	<0.000413 U	NA	NA	NA	NA	<0.000434 U	<0.00046 U	<0.000408 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000226 U	<0.000203 U	<0.000227 U	<0.00021 U	<0.000206 U	NA	NA	NA	NA	<0.000217 U	<0.00023 U	<0.000204 U
General Chemistry																		
Solids, Percent	SOLID	NS	NS	NS	Percent	93	88.8	98.5	88.2	95.1	96.9	64.8	66.9	75	88	92.1	87	97.3

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO) (December 2025).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use, Restricted Use Restricted-Residential, and Protection of Groundwater Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.
B - The analyte was found in the associated analysis batch blank.
S - Laboratory solvent, contamination is possible.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC SGVs	Location	TWP01	MW10	MW10	MW11	MW13	MW15
			Sample Name	TWP01_120324	MW-10_11202025	GWDUP01_11202025	MW-11_11212025	MW-13_11202025	MW-15_11202025
			Sample Date	12/03/2024	11/20/2025	11/20/2025	11/21/2025	11/20/2025	11/20/2025
			Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	67-64-1	50	ug/l	<5 U	1.46 J	<2 U	<2 U	<2 U	1.5 J
Acrolein	107-02-8	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	1.83 R	1.96 R	2.41	2.24 R	0.35 R
Chloromethane	74-87-3	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	2.76 J	1.7 J	2.17	2.22	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	0.75 J	3.17 J	3.99	4.12 J	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U
Naphthalene	91-20-3	10	ug/l	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	<1 U	<1 U	<1 U	<1 U	<1 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	**8.4**	**75.5 J**	**53.5 J**	**66 J**	**39.1 UJ**	<0.5 UJ
Toluene	108-88-3	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	0.63 J	1.14 J	1.32	1.42	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC SGVs	Location	TWP01	MW10	MW10	MW11	MW13	MW15
			Sample Name	TWP01_120324	MW-10_11202025	GWDUP01_11202025	MW-11_11212025	MW-13_11202025	MW-15_11202025
			Sample Date	12/03/2024	11/20/2025	11/20/2025	11/21/2025	11/20/2025	11/20/2025
			Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA	<0.3 U	<0.3 U	<0.3 U	<0.3 U	<0.3 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	NA	<5 UJ	<5 UJ	<5 UJ	<5 U	<5 UJ
2,4-Dinitrotoluene	121-14-2	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chlorophenol	95-57-8	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Methylnaphthalene	91-57-6	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chloroaniline	106-47-8	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitroaniline	100-01-6	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	NA	<5 U	<5 U	<5 UJ	<5 U	<5 U
Acenaphthene	83-32-9	20	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Acenaphthylene	208-96-8	NS	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Acetophenone	98-86-2	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Atrazine	1912-24-9	7.5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzaldehyde	100-52-7	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Benzidine	92-87-5	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzo(a)pyrene	50-32-8	0	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzoic Acid	65-85-0	NS	ug/l	NA	<5 UJ	<5 UJ	<5 UJ	<5 U	<5 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Caprolactam	105-60-2	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Carbazole	86-74-8	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Chrysene	218-01-9	0.002	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Dibenzofuran	132-64-9	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Dibutyl phthalate	84-74-2	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.0579
Fluorene	86-73-7	50	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Hexachlorobenzene	118-74-1	0.04	ug/l	NA	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	NA	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachloroethane	67-72-1	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Isophorone	78-59-1	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Nitrobenzene	98-95-3	0.4	ug/l	NA	<0.25 U	<0.25 U	<0.25 UJ	<0.25 U	<0.25 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Pentachlorophenol	87-86-5	1	ug/l	NA	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U
Phenanthrene	85-01-8	50	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Phenol	108-95-2	1	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	NA	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.106
Pyridine	110-86-1	50	ug/l	NA	<5 U	<5 U	<5 U	<5 U	<5 U
Pesticides									
4,4'-DDD	72-54-8	0.3	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
4,4'-DDE	72-55-9	0.2	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
4,4'-DDT	50-29-3	0.2	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Aldrin	309-00-2	0	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Alpha Chlordane	5103-71-9	NS	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Alpha Endosulfan	959-98-8	NS	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Beta Endosulfan	33213-65-9	NS	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	<0.2 UJ	<0.2 UP	<0.2 UP	<0.2 UJ	<0.2 UP
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Dieldrin	60-57-1	0.004	ug/l	NA	<0.002 UJ	<0.002 UP	<0.002 UP	<0.002 UJ	<0.002 UP
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Endrin	72-20-8	0	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Endrin Aldehyde	7421-93-4	5	ug/l	NA	<0.01 UJ	<0.01 UP	<0.01 UP	<0.01 UJ	<0.01 UP
Endrin Ketone	53494-70-5	5	ug/l	NA	<0.01 UJ	<0.01 UP	<0.01 UP	<0.01 UJ	<0.01 UP
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Gamma-Chlordane	5566-34-7	NS	ug/l	NA	<0.01 UJ	<0.01 UP	<0.01 UP	<0.01 UJ	<0.01 UP
Heptachlor	76-44-8	0.04	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Methoxychlor	72-43-5	35	ug/l	NA	<0.004 UJ	<0.004 UP	<0.004 UP	<0.004 UJ	<0.004 UP
Toxaphene	8001-35-2	0.06	ug/l	NA	<0.1 UJ	<0.1 UP	<0.1 UP	<0.1 UJ	<0.1 UP

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	NYSDEC SGVs	Location	TWP01	MW10	MW10	MW11	MW13	MW15
			Sample Name	TWP01_120324	MW-10_11202025	GWDUP01_11202025	MW-11_11212025	MW-13_11202025	MW-15_11202025
			Sample Date	12/03/2024	11/20/2025	11/20/2025	11/21/2025	11/20/2025	11/20/2025
			Unit	Result	Result	Result	Result	Result	Result
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	<5 UP	<5 UP	<5 UP	<5 UP	<5 UP
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	<5 UP	<5 UP	<5 UP	<5 UP	<5 UP
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	<5 UP	<5 UP	<5 UP	<5 UP	<5 UP
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
Total PCBs	1336-36-3	0.09	ug/l	NA	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP	<0.05 UP
Metals - Dissolved									
Aluminum	7429-90-5	NS	ug/l	3.91 J	<556 U	<556 U	<556 U	<556 U	<556 U
Antimony	7440-36-0	3	ug/l	<4 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Arsenic	7440-38-2	25	ug/l	<0.5 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Barium	7440-39-3	1000	ug/l	51.91	53.1 J	120 J	115	120	98.2
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.333 U	<0.333 U	<0.333 U	<0.333 UJ	<0.333 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	71,100	98,300	82,800	84,600 J	82,700	75,700
Chromium, Total	7440-47-3	50	ug/l	0.47 J	0.889 J	1.89 J	2.56 J	1.44 J	<5.56 U
Cobalt	7440-48-4	NS	ug/l	0.48 J	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	0.45 J	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U
Iron	7439-89-6	**300**	ug/l	<50 U	89.9 J	**308**	97.4 J	185 J	59.9 J
Lead	7439-92-1	25	ug/l	<1 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U
Magnesium	7439-95-4	35000	ug/l	10,600	20,200 J	28,200 J	28,900 J	28,100	14,000
Manganese	7439-96-5	**300**	ug/l	189	212 J	37.2 J	59 J	30.8	**838**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	1.36 J	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Potassium	7440-09-7	NS	ug/l	9,900	9,040 J	2,760 J	3,060	2,640	6,040
Selenium	7782-49-2	10	ug/l	6.23	<27.8 U	<27.8 U	<27.8 U	<27.8 U	<27.8 U
Silver	7440-22-4	50	ug/l	<0.4 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U
Sodium	7440-23-5	**20000**	ug/l	**87,000**	**56,200 J**	**103,000 J**	**93,300 J**	**103,000**	**142,000**
Thallium	7440-28-0	0.5	ug/l	<1 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	<10 U	<27.8 U	<27.8 U	<27.8 U	<27.8 U	<27.8 U
Metals - Total									
Aluminum	7429-90-5	NS	ug/l	NA	<556 U	<556 U	400 J	<556 U	<556 U
Antimony	7440-36-0	3	ug/l	NA	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Arsenic	7440-38-2	25	ug/l	NA	1.2	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Barium	7440-39-3	1000	ug/l	NA	52.1 J	121 J	308	111	97.9
Beryllium	7440-41-7	3	ug/l	NA	<0.333 U	<0.333 U	<0.333 U	<0.333 UJ	<0.333 U
Cadmium	7440-43-9	5	ug/l	NA	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	NA	104,000	86,400	49,900 J	77,500	78,700
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	NA	1 J	1.78 J	<5.56 U	1.33 J	0.556 J
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	NA	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	NA	<22.2 U	<22.2 U	16.9 J	<22.2 U	<22.2 U
Cyanide	57-12-5	200	ug/l	<5 U	<10 U	<10 U	<10 U	<10 U	<10 U
Iron	7439-89-6	300	ug/l	NA	<278 U	251 J	277 J	210 J	<278 U
Lead	7439-92-1	25	ug/l	NA	<6.67 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U
Magnesium	7439-95-4	35000	ug/l	NA	21,100 J	29,300 J	9,430 J	27,000	14,400
Manganese	7439-96-5	**300**	ug/l	NA	216 J	33.1 J	13.4 J	26.7	**856**
Mercury	7439-97-6	0.7	ug/l	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	NA	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Potassium	7440-09-7	NS	ug/l	NA	9,750 J	3,060 J	2,340	2,700	6,530
Selenium	7782-49-2	10	ug/l	NA	<27.8 U	<27.8 U	<27.8 U	<27.8 U	<27.8 U
Silver	7440-22-4	50	ug/l	NA	<6.67 U	<6.67 U	<6.67 U	<6.67 U	<6.67 U
Sodium	7440-23-5	**20000**	ug/l	NA	**58,700 J**	**106,000 J**	**54,800 J**	**105,000**	**146,000**
Thallium	7440-28-0	0.5	ug/l	NA	<1.93 U	<1.22 U	<1.11 U	<1.52 U	<1.24 U
Vanadium	7440-62-2	NS	ug/l	NA	<11.1 U	<11.1 U	<11.1 U	1.67 J	<11.1 U
Zinc	7440-66-6	2000	ug/l	NA	<27.8 U	<27.8 U	47.8	<27.8 U	<27.8 U
Per- and Polyfluoroalkyl Substances									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	ug/l	NA	<0.00768 U	<0.00792 U	<0.00764 U	<0.00791 U	<0.00784 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	<0.0078 U	<0.00805 U	<0.00776 U	<0.00803 U	<0.00797 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	ug/l	NA	<0.00762 U	<0.00786 U	<0.00758 U	<0.00785 U	<0.00778 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	<0.00772 U	<0.00797 U	<0.00768 U	<0.00795 U	<0.00788 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	ug/l	NA	<0.0508 U	<0.0524 U	<0.0505 U	<0.0523 U	<0.0519 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	ug/l	NA	<0.0508 U	<0.0524 U	<0.0505 U	<0.0523 U	<0.0519 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	ug/l	NA	<0.0102 UJ	<0.0105 UJ	<0.0101 U	<0.0105 UJ	<0.0104 UJ
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	ug/l	NA	<0.00768 U	<0.00792 U	<0.00764 U	<0.00791 U	<0.00784 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	ug/l	NA	<0.0076 U	<0.00784 U	<0.00756 U	<0.00782 U	<0.00776 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	ug/l	NA	<0.00813 U	<0.00839 UJ	<0.00808 U	<0.00837 U	<0.0083 UJ
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	ug/l	NA	<0.0203 U	<0.021 U	<0.0202 U	<0.0209 U	<0.0207 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	ug/l	NA	<0.0203 U	<0.021 U	<0.0202 U	<0.0209 U	<0.0207 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	ug/l	NA	<0.00407 U	<0.00419 U	<0.00404 U	<0.00418 U	<0.00415 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	ug/l	NA	<0.00362 U	<0.00373 U	<0.0036 U	<0.00372 U	<0.00369 U
Perfluoro-3-methoxypropanoic Acid (PFMPA)	377-73-1	NS	ug/l	NA	<0.00407 UJ	<0.00419 UJ	<0.00404 U	<0.00418 UJ	<0.00415 UJ
Perfluoro-4-methoxybutanoic Acid (PFMBA)	863090-89-5	NS	ug/l	NA	<0.00407 UJ	<0.00419 UJ	<0.00404 U	<0.00418 UJ	<0.00415 UJ
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	0.00414 J	0.00256 J	0.0016 J	0.00275 J	0.00576 J
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	0.00818	0.00455 J	0.00418 J	0.00703 J	0.00866
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	<0.00196 U	<0.00202 U	<0.00195 U	<0.00202 U	<0.002 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	<0.00203 UJ	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	ug/l	NA	<0.00197 U	<0.00203 U	<0.00196 U	<0.00203 U	<0.00201 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	0.00042 J	<0.002 U	<0.00193 U	<0.002 U	<0.00198 U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	0.00765	0.00635	0.00595	0.00727	0.00869
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	0.0067 J	0.0045 J	0.00381	0.0051	0.00749 J
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	0.00957	0.00992	0.00709	0.0104	0.0159
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	ug/l	NA	<0.00195 U	<0.00201 U	<0.00194 U	<0.00201 U	<0.00199 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	<0.00203 U	<0.0021 UJ	<0.00202 U	<0.00209 U	<0.00207 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	**0.0117 J**	0.00219 J	<0.00188 U	**0.00477**	**0.0112**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	**0.0302**	**0.0265**	**0.0203**	**0.0269**	**0.025**
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	ug/l	NA	0.00137 J	<0.00197 U	<0.0019 U	0.00117 J	<0.00195 UJ
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	0.0086 J	0.0119 J	0.00828	0.013 J	0.0201 J
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	<0.00203 U	<0.0021 U	<0.00202 U	<0.00209 U	<0.00207 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	<0.00203 U	<0.0021 UJ	<0.00202 U	<0.00209 U	<0.00207 UJ

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.
R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	Location	AA01	AA02	SV01	SV02	SV03	SV04	SV05	SV06	SV10	SV11	SV13	SV15
		Sample Name	AA01_120424	AA02_111125	SV01_120424	SV02_120424	SV03_120424	SV04_120424	SV05_120424	SV06_120424	SV10_111125	SV11_111125	SV13_111125	SV15_111125
		Sample Date	12/04/2024	11/10/2025	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	11/10/2025	11/10/2025	11/10/2025	11/10/2025
		Sample Type	AA	AA	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV
		Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	NA	<1.5 UJ	NA	NA	NA	NA	NA	NA	<1.1 U	<1 U	<4.3 U	<1 U
1,1,1-Trichloroethane	71-55-6	ug/m3	<1.09 U	<1.2 UJ	12.1	3.11	<1.09 U	51.9 J	2.85 J	<1.09 U	<0.89 U	1.2 D	190 D	11 D
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<1.37 U	<1.5 UJ	<1.37 U	<1.37 U	<1.37 U	<1.37 UJ	<1.37 UJ	<1.37 U	<1.1 U	<1 U	<4.3 U	<1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	<1.53 U	<1.6 UJ	<1.53 U	<1.53 U	<1.53 U	<1.53 UJ	<1.53 UJ	<1.53 U	<1.3 U	<1.2 U	<4.8 U	<1.1 U
1,1,2-Trichloroethane	79-00-5	ug/m3	<1.09 U	<1.2 UJ	<1.09 U	<1.09 U	<1.09 U	<1.09 UJ	<1.09 UJ	<1.09 U	<0.89 U	<0.83 U	<3.4 U	<0.81 U
1,1-Dichloroethane	75-34-3	ug/m3	<0.809 U	<0.87 UJ	<0.809 U	<0.809 U	2.11	<0.809 UJ	<0.809 UJ	<0.809 U	<0.66 U	2.7 D	5.9 D	<0.6 U
1,1-Dichloroethene	75-35-4	ug/m3	<0.793 U	<0.42 UJ	<0.793 U	<0.793 U	<0.793 U	<0.793 UJ	<0.793 UJ	<0.793 U	<0.32 U	<0.3 U	<1.2 U	<0.29 U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<1.48 U	<79 UJ	<1.48 U	<1.48 U	<1.48 U	<1.48 UJ	<1.48 UJ	<1.48 U	<61 U	<57 U	<230 U	<55 U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	<0.983 U	<1.1 UJ	7.33	6.78	8.8	6.93 J	6.78 J	6.24	1.8 D	1.5 D	<3.1 U	1.8 D
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<1.54 U	<1.6 UJ	<1.54 U	<1.54 U	<1.54 U	<1.54 UJ	<1.54 UJ	<1.54 U	<1.3 U	<1.2 U	<4.8 U	<1.1 U
1,2-Dichlorobenzene	95-50-1	ug/m3	<1.2 U	<1.3 UJ	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<0.98 U	<0.92 U	<3.8 U	<0.89 U
1,2-Dichloroethane	107-06-2	ug/m3	<0.809 U	<0.87 UJ	<0.809 U	<0.809 U	<0.809 U	<0.809 UJ	<0.809 UJ	<0.809 U	<0.66 U	<0.62 U	<2.5 U	<0.6 U
1,2-Dichloropropane	78-87-5	ug/m3	<0.924 U	<0.99 UJ	<0.924 U	<0.924 U	<0.924 U	<0.924 UJ	<0.924 UJ	<0.924 U	<0.76 U	<0.7 U	<2.9 U	<0.69 U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<1.4 U	<1.5 UJ	<1.4 U	<1.4 U	<1.4 U	<1.4 UJ	<1.4 UJ	<1.4 U	<1.1 U	<1.1 U	<4.4 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	<0.983 U	<1.1 UJ	1.53	1.46	2.08	1.69 J	1.56 J	1.39	<0.8 U	<0.75 U	<3.1 U	<0.73 U
1,3-Butadiene	106-99-0	ug/m3	<0.442 U	<1.4 UJ	4.05	<0.442 U	5.07	0.5 J	1.74 J	<0.442 U	<1.1 U	<1 U	<4.2 U	<0.99 U
1,3-Dichlorobenzene	541-73-1	ug/m3	<1.2 U	<1.3 UJ	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<0.98 U	<0.92 U	<3.8 U	<0.89 U
1,3-Dichloropropane	142-28-9	ug/m3	NA	<0.99 UJ	NA	NA	NA	NA	NA	NA	<0.76 U	<0.7 U	<2.9 U	<0.69 U
1,4-Dichlorobenzene	106-46-7	ug/m3	<1.2 U	<1.3 UJ	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<0.98 U	<0.92 U	<3.8 U	<0.89 U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<0.721 U	<3.9 UJ	<0.721 U	<0.721 U	<0.721 U	<0.721 UJ	<0.721 UJ	<0.721 U	<2.9 U	<2.7 U	<11 U	<2.7 U
2,2,4-Trimethylpentane	540-84-1	ug/m3	<0.934 U	0.8 J	<0.934 U	<0.934 U	18.6	<0.934 UJ	1.46 J	<0.934 U	<0.38 U	14 D	<1.5 U	<0.35 U
2-Hexanone (MBK)	591-78-6	ug/m3	<0.82 U	<1.8 UJ	<0.82 U	<0.82 U	<0.82 U	<0.82 UJ	<0.82 UJ	<0.82 U	<1.3 U	<1.2 U	<5.2 U	<1.2 U
4-Ethyltoluene	622-96-8	ug/m3	<0.983 U	<1.1 UJ	2.41	2.36	2.82	2.32 J	2.32 J	2.24	<0.8 U	<0.75 U	<3.1 U	<0.73 U
Acetone	67-64-1	ug/m3	5.34	62 J	12.8	20.9	302	63.2 J	14.2 J	8.91	12 JD	30 D	16 JD	8.8 JD
Acrolein	107-02-8	ug/m3	NA	<0.49 UJ	NA	NA	NA	NA	NA	NA	<0.37 U	<0.35 U	<1.4 U	<0.34 U
Acrylonitrile	107-13-1	ug/m3	NA	<23 UJ	NA	NA	NA	NA	NA	NA	<18 U	<17 U	<68 U	<16 U
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<0.626 U	<3.4 UJ	<0.626 U	<0.626 U	<0.626 U	<0.626 UJ	<0.626 UJ	<0.626 U	<2.6 U	<2.4 U	<9.8 U	<2.3 U
Benzene	71-43-2	ug/m3	0.684	0.68 J	3.83	1.06	5.88	5.4 J	5.69 J	1.41	<0.52 U	2.1 D	32 D	1.2 D
Benzyl Chloride	100-44-7	ug/m3	<1.04 U	<28 UJ	<1.04 U	<1.04 U	<1.04 U	<1.04 UJ	<1.04 UJ	<1.04 U	<21 U	<20 U	<81 U	<19 U
Bromodichloromethane	75-27-4	ug/m3	<1.34 U	<1.4 UJ	<1.34 U	<1.34 U	<1.34 U	<1.34 UJ	<1.34 UJ	<1.34 U	<1.1 U	<1 U	<4.2 U	<1 U
Bromoethene	593-60-2	ug/m3	<0.874 U	<0.94 UJ	<0.874 U	<0.874 U	<0.874 U	<0.874 UJ	<0.874 UJ	<0.874 U	<0.72 U	<0.67 U	<2.8 U	<0.65 U
Bromoform	75-25-2	ug/m3	<2.07 U	<2.2 UJ	<2.07 U	<2.07 U	<2.07 U	<2.07 UJ	<2.07 UJ	<2.07 U	<1.7 U	<1.6 U	<6.5 U	<1.5 U
Bromomethane	74-83-9	ug/m3	<0.777 U	<0.83 UJ	<0.777 U	<0.777 U	<0.777 U	<0.777 UJ	<0.777 UJ	<0.777 U	<0.63 U	<0.59 U	<2.4 U	<0.58 U
Carbon Disulfide	75-15-0	ug/m3	<0.623 U	<0.67 UJ	5.14	3.18	2.68	5.29 J	7.91 J	3.24	<0.51 U	5.6 D	10 D	2.1 D
Carbon Tetrachloride	56-23-5	ug/m3	<1.26 U	<0.34 UJ	<1.26 U	<1.26 U	<1.26 U	<1.26 UJ	<1.26 UJ	<1.26 U	<0.26 U	<0.24 U	<0.99 U	<0.23 U
Chlorobenzene	108-90-7	ug/m3	<0.921 U	<0.99 UJ	<0.921 U	<0.921 U	<0.921 U	<0.921 UJ	<0.921 UJ	<0.921 U	<0.75 U	<0.7 U	<2.9 U	<0.68 U
Chloroethane	75-00-3	ug/m3	<0.528 U	<0.57 UJ	<0.528 U	<0.528 U	<0.528 U	<0.528 UJ	<0.528 UJ	<0.528 U	<0.43 U	<0.4 U	<1.7 U	<0.39 U
Chloroform	67-66-3	ug/m3	<0.977 U	<1 UJ	<0.977 U	<0.977 U	<0.977 U	1.54 J	<0.977 UJ	<0.977 U	<0.8 U	<0.74 U	<3.1 U	0.87 D
Chloromethane	74-87-3	ug/m3	1.03	1.2 J	<0.413 U	<0.413 U	<0.413 U	<0.413 UJ	<0.413 UJ	<0.413 U	<0.34 U	<0.31 U	<1.3 U	<0.31 U
Cis-1,2-Dichloroethene	156-59-2	ug/m3	<0.793 U	<0.42 UJ	<0.793 U	<0.793 U	<0.793 U	<0.793 UJ	<0.793 UJ	<0.793 U	<0.32 U	<0.3 U	<1.2 U	<0.29 U
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	<0.908 U	<0.97 UJ	<0.908 U	<0.908 U	<0.908 U	<0.908 UJ	<0.908 UJ	<0.908 U	<0.74 U	<0.69 U	<2.9 U	<0.67 U
Cyclohexane	110-82-7	ug/m3	<0.688 U	0.74 J	0.723	0.971	37.5	11.5 J	5.71 J	4.54	<0.56 U	25 D	22 D	1.2 D
Cymene	99-87-6	ug/m3	NA	<1.2 UJ	NA	NA	NA	NA	NA	NA	<0.9 U	<0.84 U	<3.5 U	<0.82 U
Dibromochloromethane	124-48-1	ug/m3	<1.7 U	<1.8 UJ	<1.7 U	<1.7 U	<1.7 U	<1.7 UJ	<1.7 UJ	<1.7 U	<1.4 U	<1.3 U	<5.4 U	<1.3 U
Dichlorodifluoromethane	75-71-8	ug/m3	2.42	2.2 J	3.36	2.65	1.27	2.52 J	2.39 J	2.47	2.3 D	<0.75 U	<3.1 U	<0.73 U
Ethanol	64-17-5	ug/m3	16.3	NA	<9.42 U	<9.42 U	13.9	<9.42 UJ	<9.42 UJ	<9.42 U	NA	NA	NA	NA
Ethyl Acetate	141-78-6	ug/m3	<1.8 U	9.2 J	<1.8 U	<1.8 U	<1.8 U	<1.8 UJ	<1.8 UJ	<1.8 U	1.8 JD	16 JD	<110 U	3 JD
Ethylbenzene	100-41-4	ug/m3	<0.869 U	<0.93 UJ	5.91	3.08	7.3	13.3 J	4.91 J	4.91	0.78 D	0.93 D	<2.7 U	0.65 D
Hexachlorobutadiene	87-68-3	ug/m3	<2.13 U	<2.3 UJ	<2.13 U	<2.13 U	<2.13 U	<2.13 UJ	<2.13 UJ	<2.13 U	<1.7 U	<1.6 U	<6.7 U	<1.6 U
Isopropanol	67-63-0	ug/m3	3.29	4.1 J	1.41	<2.46 U	5.36	<2.46 UJ	<2.46 UJ	<2.46 U	<2.4 U	3 D	<9.3 U	<2.2 U
Isopropylbenzene (Cumene)	98-82-8	ug/m3	NA	<1.1 UJ	NA	NA	NA	NA	NA	NA	<0.8 U	<0.75 U	4.3 D	<0.73 U
M,P-Xylene	179601-23-1	ug/m3	<1.74 U	1.5 J	26	15.3	30	38.5 J	21.1 J	21.4	3.1 D	3 D	<5.5 U	2.6 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	<1.47 U	1.5 J	1.73	4.04	28.2	10.4 J	5.6 J	<1.47 U	1.2 JD	8.9 JD	1.9 JD	0.53 JD
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/m3	<2.05 U	<0.88 UJ	<2.05 U	<2.05 U	<2.05 U	<2.05 UJ	<2.05 UJ	<2.05 U	<0.67 U	<0.62 U	<2.6 U	<0.61 U
Methyl Methacrylate	80-62-6	ug/m3	NA	<0.88 UJ	NA	NA	NA	NA	NA	NA	<0.67 U	<0.62 U	<2.6 U	<0.61 U
Methylene Chloride	75-09-2	ug/m3	<1.74 U	<4.5 UJ	<1.74 U	<1.74 U	<1.74 U	<1.74 UJ	<1.74 UJ	<1.74 U	<3.4 U	<3.2 U	<13 U	<3.1 U
Naphthalene	91-20-3	ug/m3	<1.05 U	<11 UJ	<1.05 U	<1.05 U	<1.05 U	<1.05 UJ	<1.05 UJ	<1.05 U	<8.6 U	<8 U	<33 U	<7.8 U
n-Butylbenzene	104-51-8	ug/m3	NA	<1.2 UJ	NA	NA	NA	NA	NA	NA	<0.9 U	<0.84 U	<3.5 U	<0.82 U
n-Heptane	142-82-5	ug/m3	<0.82 U	<0.88 UJ	3.45	2.25	11.7	10.7 J	3.15 J	12.3	<0.67 U	<0.63 U	<2.6 U	<0.61 U
n-Hexane	110-54-3	ug/m3	<0.705 U	0.53 J	5.29	1.65	25.6	8.49 J	5.82 J	7.3	<0.58 U	4.8 D	13 D	4.8 D
n-Propylbenzene	103-65-1	ug/m3	NA	<1.1 UJ	NA	NA	NA	NA	NA	NA	<0.8 U	<0.75 U	<3.1 U	<0.73 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	<0.869 U	<0.93 UJ	7.99	4.69	9.51	11.2 J	6.69 J	6.95	1.6 D	1.6 D	7.4 D	1.4 D
Propylene	115-07-1	ug/m3	NA	<0.37 UJ	NA	NA	NA	NA	NA	NA	<0.28 U	<0.26 U	65 D	<0.26 U
Sec-Butylbenzene	135-98-8	ug/m3	NA	<1.2 UJ	NA	NA	NA	NA	NA	NA	<0.9 U	<0.84 U	4.5 D	<0.82 U
Styrene	100-42-5	ug/m3	<0.852 U	<0.91 UJ	<0.852 U	<0.852 U	<0.852 U	<0.852 UJ	<0.852 UJ	<0.852 U	<0.7 U	<0.65 U	<2.7 U	<0.63 U
T-Butylbenzene	98-06-6	ug/m3	NA	<1.2 UJ	NA	NA	NA	NA	NA	NA	<0.9 U	<0.84 U	<3.5 U	<0.82 U
Tert-Butyl Alcohol	75-65-0	ug/m3	<1.52 U	NA	3.15	1.68	5.09	7.06 J	3.27 J	2.9	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	ug/m3	<0.721 U	<0.77 UJ	<0.721 U	<0.721 U	<0.721 U	<0.721 UJ	<0.721 UJ	<0.721 U	<0.59 U	<0.55 U	<2.3 U	<0.54 U
Tetrachloroethene (PCE)	127-18-4	ug/m3	<1.36 U	4.8 J	31.9	3.76	1.52	10 J	14 J	46.4	6 D	<1 U	35 D	840 D
Tetrahydrofuran	109-99-9	ug/m3	<1.47 U	<1.3 UJ	<1.47 U	<1.47 U	<1.47 U	<1.47 UJ	<1.47 UJ	<1.47 U	<0.96 U	<0.9 U	<3.7 U	<0.88 U
Toluene	108-88-3	ug/m3	0.969	4.1 J	25	8.63	26.9	2,380 J	22.8 J	15.8	3.6 D	3.9 D	7.8 D	2.6 D
Total Xylenes	1330-20-7	ug/m3	NA	1.5 J	NA	NA	NA	NA	NA	NA	4.6 D	4.6 D	7.4 JD	4 D
Trans-1,2-Dichloroethene	156-60-5	ug/m3	<0.793 U	<0.85 UJ	<0.793 U	<0.793 U	<0.793 U	<0.793 UJ	<0.793 UJ	<0.793 U	<0.65 U	<0.6 U	<2.5 U	<0.59 U
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	<0.908 U	<0.97 UJ	<0.908 U	<0.908 U	<0.908 U	<0.908 UJ	<0.908 UJ	<0.908 U	<0.74 U	<0.69 U	<2.9 U	<0.67 U
Trichloroethene (TCE)	79-01-6	ug/m3	<1.07 U	<0.29 UJ	<1.07 U	<1.07 U	<1.07 U	26.1 J	<1.07 UJ	<1.07 U	<0.22 U	<0.2 U	<0.84 U	1.5 D
Trichlorofluoromethane	75-69-4	ug/m3	1.27	1.3 J	11.1	1.62	<1.12 U	1.92 J	1.48 J	1.66	1 D	<0.86 U	4.6 D	41 D
Vinyl Acetate	108-05-4	ug/m3	NA	<0.75 UJ	NA	NA	NA	NA	NA	NA	<0.58 U	<0.54 U	<2.2 U	<0.52 U
Vinyl Chloride	75-01-4	ug/m3	<0.511 U	<0.27 UJ	<0.511 U	<0.511 U	<0.511 U	<0.511 UJ	<0.511 UJ	<0.511 U	<0.21 U	<0.19 U	<0.8 U	<0.19 U
Total CVOCs	TOTALCVOCS	ug/m3	ND	4.8	44	6.87	3.63	88	16.85	46.4	6	3.9	230.9	852.5

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Notes:

AA - Ambient Air
SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Ambient air sample analytical results are shown for reference only.

Qualifiers:

D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 8
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	FB	FB	TB
		Sample Name	SOFB01_110625	SOTB01_110625	SOFB02_111125	GWTB01_11202025	GWFB01_11202025	GWFB02_11212025	GWTB01_11212025
		Sample Date	11/06/2025	11/06/2025	11/11/2025	11/19/2025	11/20/2025	11/21/2025	11/21/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,1-Trichloroethane	71-55-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2-Trichloroethane	79-00-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloroethane	75-34-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloroethene	75-35-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,3-Trichloropropane	96-18-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichlorobenzene	95-50-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichloroethane	107-06-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichloropropane	78-87-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3-Dichlorobenzene	541-73-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3-Dichloropropane	142-28-9	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,4-Dichlorobenzene	106-46-7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,4-Diethyl Benzene	105-05-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
2-Hexanone (MBK)	591-78-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
4-Ethyltoluene	622-96-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Acetone	67-64-1	ug/l	1.55 J	<2 U	1.58 JB	<2 U	<2 U	NA	<2 U
Acrolein	107-02-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Acrylonitrile	107-13-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Benzene	71-43-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromochloromethane	74-97-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromodichloromethane	75-27-4	ug/l	<0.5 U	<0.5 U	0.260 J	<0.5 U	<0.5 U	NA	<0.5 U
Bromoform	75-25-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromomethane	74-83-9	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U
Carbon Disulfide	75-15-0	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Carbon Tetrachloride	56-23-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chlorobenzene	108-90-7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chloroethane	75-00-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chloroform	67-66-3	ug/l	19.5	<0.5 U	19.4	<0.5 U	16.8	NA	<0.5 U
Chloromethane	74-87-3	ug/l	<0.5 U	0.480 J	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cyclohexane	110-82-7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cymene	99-87-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dibromochloromethane	124-48-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dibromomethane	74-95-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dichlorodifluoromethane	75-71-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Ethylbenzene	100-41-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Hexachlorobutadiene	87-68-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
M,P-Xylene	179601-23-1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	NA	<1 U
Methyl Acetate	79-20-9	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methylcyclohexane	108-87-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methylene Chloride	75-09-2	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U
Naphthalene	91-20-3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U
n-Butylbenzene	104-51-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
n-Propylbenzene	103-65-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Sec-Butylbenzene	135-98-8	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Styrene	100-42-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
T-Butylbenzene	98-06-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Tert-Butyl Alcohol	75-65-0	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	NA	<1 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Tetrachloroethene (PCE)	127-18-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Toluene	108-88-3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Total Xylenes	1330-20-7	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U
Trans-1,2-Dichloroethene	156-60-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trichloroethene (TCE)	79-01-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trichlorofluoromethane	75-69-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Vinyl Chloride	75-01-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U

Table 8
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	FB	FB	TB
		Sample Name	SOFB01_110625	SOTB01_110625	SOFB02_111125	GWTB01_11202025	GWFB01_11202025	GWFB02_11212025	GWTB01_11212025
		Sample Date	11/06/2025	11/06/2025	11/11/2025	11/19/2025	11/20/2025	11/21/2025	11/21/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,2-Diphenylhydrazine	122-66-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l	<0.3 U	NA	<0.3 U	NA	<0.3 U	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Chlorophenol	95-57-8	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Nitroaniline	88-74-4	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
2-Nitrophenol	88-75-5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
3-Nitroaniline	99-09-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Chloro-3-Methylphenol	59-50-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Chloroaniline	106-47-8	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Nitroaniline	100-01-6	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
4-Nitrophenol	100-02-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Acenaphthene	83-32-9	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Acenaphthylene	208-96-8	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Acetophenone	98-86-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Anthracene	120-12-7	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Atrazine	1912-24-9	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Benzaldehyde	100-52-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Benzidine	92-87-5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Benzo(a)anthracene	56-55-3	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Benzo(a)pyrene	50-32-8	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Benzo(b)fluoranthene	205-99-2	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Benzo(g,h,i)Perylene	191-24-2	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Benzo(k)fluoranthene	207-08-9	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Benzoic Acid	65-85-0	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Benzyl Alcohol	100-51-6	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Benzyl Butyl Phthalate	85-68-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Biphenyl (Diphenyl)	92-52-4	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Caprolactam	105-60-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Carbazole	86-74-8	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Chrysene	218-01-9	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Dibenzofuran	132-64-9	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Dibutyl phthalate	84-74-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Diethyl phthalate	84-66-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Dimethyl phthalate	131-11-3	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Dioctyl phthalate	117-84-0	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Fluoranthene	206-44-0	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Fluorene	86-73-7	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Hexachlorobenzene	118-74-1	ug/l	<0.02 U	NA	<0.02 U	NA	<0.02 U	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	<10 U	NA	<10 U	NA	<10 U	NA	NA
Hexachloroethane	67-72-1	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Isophorone	78-59-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Naphthalene	91-20-3	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Nitrobenzene	98-95-3	ug/l	<0.25 U	NA	<0.25 U	NA	<0.25 U	NA	NA
n-Nitrosodimethylamine	62-75-9	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
n-Nitrosodiphenylamine	86-30-6	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Pentachlorophenol	87-86-5	ug/l	<0.25 U	NA	<0.25 U	NA	<0.25 U	NA	NA
Phenanthrene	85-01-8	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Phenol	108-95-2	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA
Pyrene	129-00-0	ug/l	<0.05 U	NA	<0.05 U	NA	<0.05 U	NA	NA
Pyridine	110-86-1	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	NA

Table 8
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	FB	FB	TB
		Sample Name	SOFB01_110625	SOTB01_110625	SOFB02_111125	GWTB01_11202025	GWFB01_11202025	GWFB02_11212025	GWTB01_11212025
		Sample Date	11/06/2025	11/06/2025	11/11/2025	11/19/2025	11/20/2025	11/21/2025	11/21/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
4,4'-DDE	72-55-9	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
4,4'-DDT	50-29-3	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Aldrin	309-00-2	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Alpha Chlordane	5103-71-9	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Alpha Endosulfan	959-98-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Beta Endosulfan	33213-65-9	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Chlordane (alpha and gamma)	57-74-9	ug/l	<0.2 UP	NA	<0.2 UP	NA	<0.2 UP	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Dieldrin	60-57-1	ug/l	<0.002 UP	NA	<0.002 UP	NA	<0.002 UP	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Endrin	72-20-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	<0.01 UP	NA	<0.01 UP	NA	<0.01 UP	NA	NA
Endrin Ketone	53494-70-5	ug/l	<0.01 UP	NA	<0.01 UP	NA	<0.01 UP	NA	NA
Gamma Bhc (Lindane)	58-89-9	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Gamma-Chlordane	5566-34-7	ug/l	<0.01 UP	NA	<0.01 UP	NA	<0.01 UP	NA	NA
Heptachlor	76-44-8	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Methoxychlor	72-43-5	ug/l	<0.004 UP	NA	<0.004 UP	NA	<0.004 UP	NA	NA
Toxaphene	8001-35-2	ug/l	<0.1 UP	NA	<0.1 UP	NA	<0.1 UP	NA	NA
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	ug/l	<5 UP	NA	<5 UP	NA	<5 UP	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/l	<5 UP	NA	<5 UP	NA	<5 UP	NA	NA
Silvex (2,4,5-Tp)	93-72-1	ug/l	<5 UP	NA	<5 UP	NA	<5 UP	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
Total PCBs	1336-36-3	ug/l	<0.05 UP	NA	<0.05 UP	NA	<0.05 UP	NA	NA
Metals									
Aluminum	7429-90-5	ug/l	<556 U	NA	<556 U	NA	<556 U	NA	NA
Antimony	7440-36-0	ug/l	<28 U	NA	<28 U	NA	<1.11 U	NA	NA
Arsenic	7440-38-2	ug/l	<17 U	NA	<17 U	NA	<1.11 U	NA	NA
Barium	7440-39-3	ug/l	<28 U	NA	<28 U	NA	<27.8 U	NA	NA
Beryllium	7440-41-7	ug/l	<0.6 U	NA	<0.6 U	NA	<0.333 U	NA	NA
Cadmium	7440-43-9	ug/l	<3 U	NA	<3 U	NA	<0.556 U	NA	NA
Calcium	7440-70-2	ug/l	<556 U	NA	<556 U	NA	244 J	NA	NA
Chromium, Hexavalent	18540-29-9	ug/l	<10 U	NA	<10 U	NA	<10 U	NA	NA
Chromium, Total	7440-47-3	ug/l	<6 U	NA	<6 U	NA	<5.56 U	NA	NA
Chromium, Trivalent	16065-83-1	ug/l	<10 U	NA	<10 U	NA	<10 U	NA	NA
Cobalt	7440-48-4	ug/l	<4 U	NA	<4 U	NA	<4.44 U	NA	NA
Copper	7440-50-8	ug/l	<22 U	NA	<22 U	NA	<22.2 U	NA	NA
Cyanide	57-12-5	ug/l	<10 U	NA	<10 U	NA	<10 U	NA	NA
Iron	7439-89-6	ug/l	<278 U	NA	<278 U	NA	<278 U	NA	NA
Lead	7439-92-1	ug/l	<7 U	NA	<7 U	NA	<6.67 U	NA	NA
Magnesium	7439-95-4	ug/l	<67 U	NA	<67 U	NA	<66.7 U	NA	NA
Manganese	7439-96-5	ug/l	<6 U	NA	<6 U	NA	<5.56 U	NA	NA
Mercury	7439-97-6	ug/l	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA
Nickel	7440-02-0	ug/l	<11 U	NA	<11 U	NA	<11.1 U	NA	NA
Potassium	7440-09-7	ug/l	<1110 U	NA	<1110 U	NA	<1110 U	NA	NA
Selenium	7782-49-2	ug/l	<28 U	NA	<28 U	NA	<27.8 U	NA	NA
Silver	7440-22-4	ug/l	<7 U	NA	<7 U	NA	<6.67 U	NA	NA
Sodium	7440-23-5	ug/l	1260	NA	<1110 U	NA	<1110 U	NA	NA
Thallium	7440-28-0	ug/l	<28 U	NA	<28 U	NA	1.97	NA	NA
Vanadium	7440-62-2	ug/l	<11 U	NA	<11 U	NA	<11.1 U	NA	NA
Zinc	7440-66-6	ug/l	<28 U	NA	<28 U	NA	<27.8 U	NA	NA

Table 8
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	FB	FB	TB
		Sample Name	SOFB01_110625	SOTB01_110625	SOFB02_111125	GWTB01_11202025	GWFB01_11202025	GWFB02_11212025	GWTB01_11212025
		Sample Date	11/06/2025	11/06/2025	11/11/2025	11/19/2025	11/20/2025	11/21/2025	11/21/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ug/l	<0.00754 U	NA	<0.00788 U	NA	<0.00794 U	<0.00838 U	NA
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	ug/l	<0.00766 U	NA	<0.008 U	NA	<0.00807 U	<0.00851 U	NA
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	ug/l	<0.00749 U	NA	<0.00781 U	NA	<0.00788 U	<0.00831 U	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	ug/l	<0.00758 U	NA	<0.00792 U	NA	<0.00798 U	<0.00843 U	NA
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	ug/l	<0.0499 U	NA	<0.0521 U	NA	<0.0525 U	<0.0554 U	NA
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	ug/l	<0.0499 U	NA	<0.0521 U	NA	<0.0525 U	<0.0554 U	NA
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	ug/l	<0.00998 U	NA	<0.0104 U	NA	<0.0105 U	<0.0111 U	NA
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	ug/l	<0.00754 U	NA	<0.00788 U	NA	<0.00794 U	<0.00838 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ug/l	<0.00747 U	NA	<0.00779 U	NA	<0.00786 U	<0.00829 U	NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	ug/l	<0.00798 U	NA	<0.00833 U	NA	<0.0084 U	<0.00887 U	NA
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	ug/l	<0.00499 U	NA	<0.00521 U	NA	<0.0021 U	<0.00222 U	NA
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	ug/l	<0.02 U	NA	<0.0208 U	NA	<0.021 U	<0.0222 U	NA
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	ug/l	0.0111	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	ug/l	<0.02 U	NA	<0.0208 U	NA	<0.021 U	<0.0222 U	NA
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	ug/l	<0.00399 U	NA	<0.00417 U	NA	<0.0042 U	<0.00443 U	NA
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	ug/l	<0.00355 U	NA	<0.00371 U	NA	<0.00374 U	<0.00395 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/l	<0.00399 U	NA	<0.00417 U	NA	<0.0042 U	<0.00443 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/l	<0.00399 U	NA	<0.00417 U	NA	<0.0042 U	<0.00443 U	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/l	<0.00177 U	NA	<0.00184 U	NA	<0.00186 U	<0.00196 U	NA
Perfluorobutanoic acid (PFBA)	375-22-4	ug/l	<0.00798 U	NA	<0.00833 U	NA	<0.0084 U	<0.00887 U	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/l	0.00846	NA	<0.00201 U	NA	<0.00203 U	<0.00214 U	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/l	0.000898 J	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	ug/l	<0.00194 U	NA	<0.00202 U	NA	<0.00204 U	<0.00215 U	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/l	<0.00191 U	NA	<0.00199 U	NA	<0.00201 U	<0.00212 U	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/l	<0.00183 U	NA	<0.00191 U	NA	<0.00192 U	<0.00203 U	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ug/l	0.00243	NA	<0.002 U	NA	<0.00202 U	<0.00213 U	NA
Perfluorononanoic Acid (PFNA)	375-95-1	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/l	0.00168 J	NA	<0.00194 U	NA	<0.00195 U	<0.00206 U	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ug/l	<0.00188 U	NA	<0.00196 U	NA	<0.00197 U	<0.00208 U	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/l	<0.00399 U	NA	<0.00417 U	NA	<0.0042 U	<0.00443 U	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/l	<0.002 U	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/l	0.00539	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/l	0.0171	NA	<0.00208 U	NA	<0.0021 U	<0.00222 U	NA

Table 8
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

Willoughby Conversion Project
Brooklyn, New York
NYSDEC BCP Site No.: C224420
Langan Project No.: 170794301

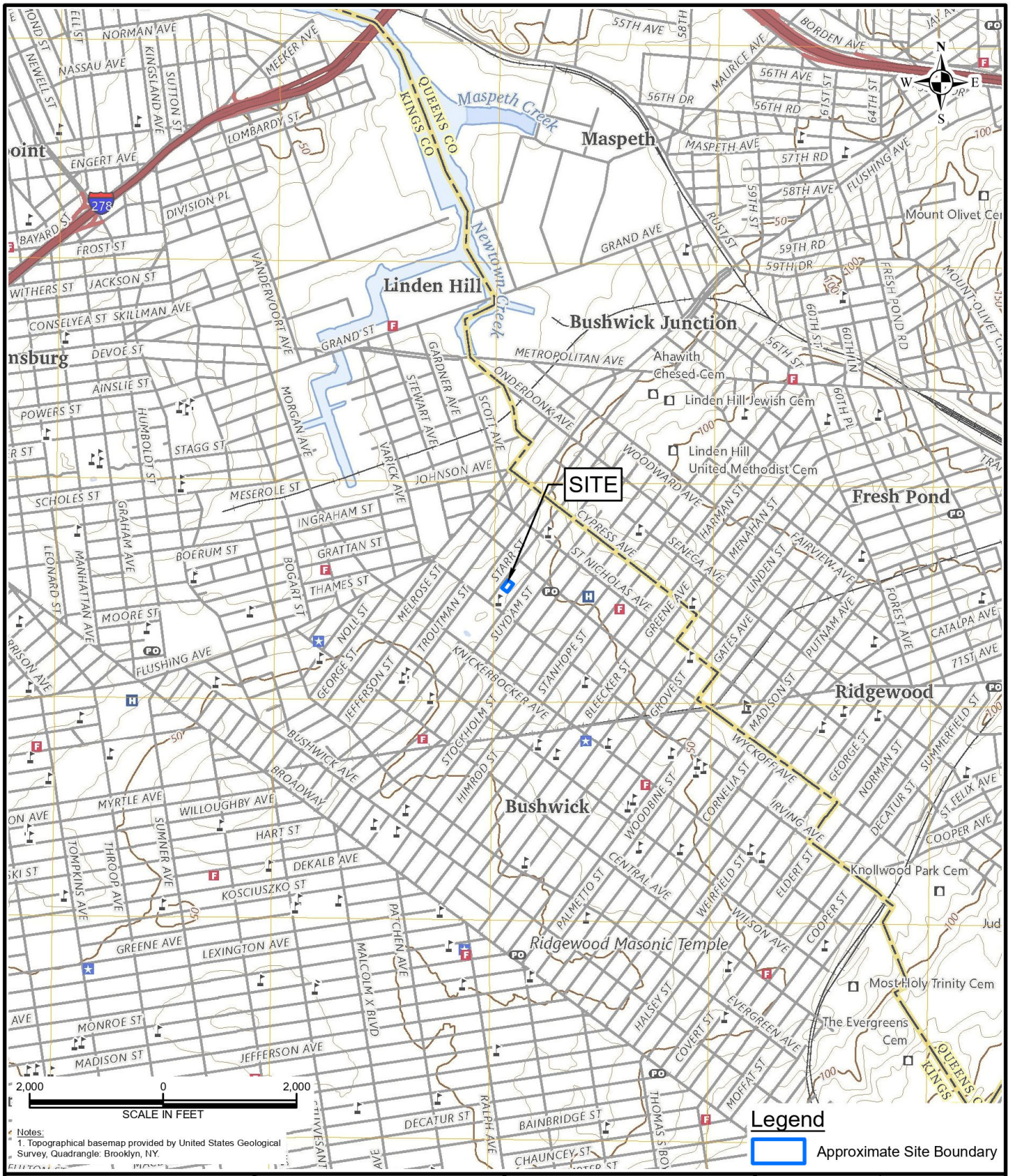
Notes:

FB - Field Blank
TB - Trip Blank
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B - The analyte was found in the associated analysis batch blank.

FIGURES



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Project	Figure Title	Project No.	Figure
WILLOUGHBY CONVERSION PROJECT BROOKLYN NEW YORK	**SITE LOCATION MAP**	170794301	1
		Date: 7/11/2025	
		Scale: 1" = 2,000 feet	
		Drawn By: MG	

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Path: \\langan.com\data\NYC\data3\170794301\Project Data\ArcGIS\APRX\170794301\170794301.aprx



Legend

Approximate Site Boundary

Notes:
1. Aerial imagery provided through Langan's subscription to Near Map dated 07/03/2025.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

30 0 30
SCALE IN FEET

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Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

Figure Title
SITE LAYOUT MAP

Project No.	Figure No.
170794301	2
Date: 12/31/2025	
Scale: 1"=30'	
Drawn By: MG	

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Path: \\langan.com\data\NYC\data3\170794301\Project Data\ArcGIS\APRX\170794301 RIR\170794301 RIR.aprx Date: 12/31/2025 User: mgeorgalas Time: 10:01 AM



Legend

- Approximate Permanent Monitoring Well Location
- Groundwater Elevation Contour
- Approximate Site Boundary

Notes:
1. Aerial imagery provided through Langan's subscription to Near Map dated 07/03/2025.
2. Depth to groundwater readings were collected on 20 and 21 November 2025.
3. Elevations are relative to NAVD88.

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Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

Figure Title
GROUNDWATER CONTOUR MAP

Project No. 170794301
Date 2/6/2026
Scale 1"=30'
Drawn By MG
Figure No. 3

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Legend

- Approximate Site Boundary
- Approximate Soil Boring and Soil Sample Location (2025 LSI)
- Approximate Soil Vapor Implant and Sample Location (2025 LSI)
- Approximate Temporary Groundwater Monitoring Well and Groundwater Sample Location (2025 LSI)
- Approximate Soil Boring and Soil Sample Location (2025 RI)
- Approximate Soil Boring, Monitoring Well and Soil Vapor Implant and Soil, Groundwater and Soil Vapor Sample Location (2025 RI)
- PAOC/AOC 1 - Mercury Impacts in Soil
  PAOC/AOC 2 - VOC Impacts in Soil Vapor and/or Groundwater
  PAOC/AOC 3 - Non-native Soil
  PAOC/AOC 4 - Off-site Current and Historical Uses
- Approximate Historical Location of Thermometer Factory (1907 Sanborn Map), Celluloid Eyeglass Frame Manufacturing (1933 Sanborn Map), and Radio Repair Business (1951 Sanborn Map)

Notes:
1. Aerial imagery provided through Langan's subscription to Near Map dated 07/03/2025.
2. LSI = Limited Subsurface Investigation
3. ESI = Environmental Site Investigation
4. RI = Remedial Investigation
5. AOC = Area of Concern
6. PAOC - Potential Area of Concern

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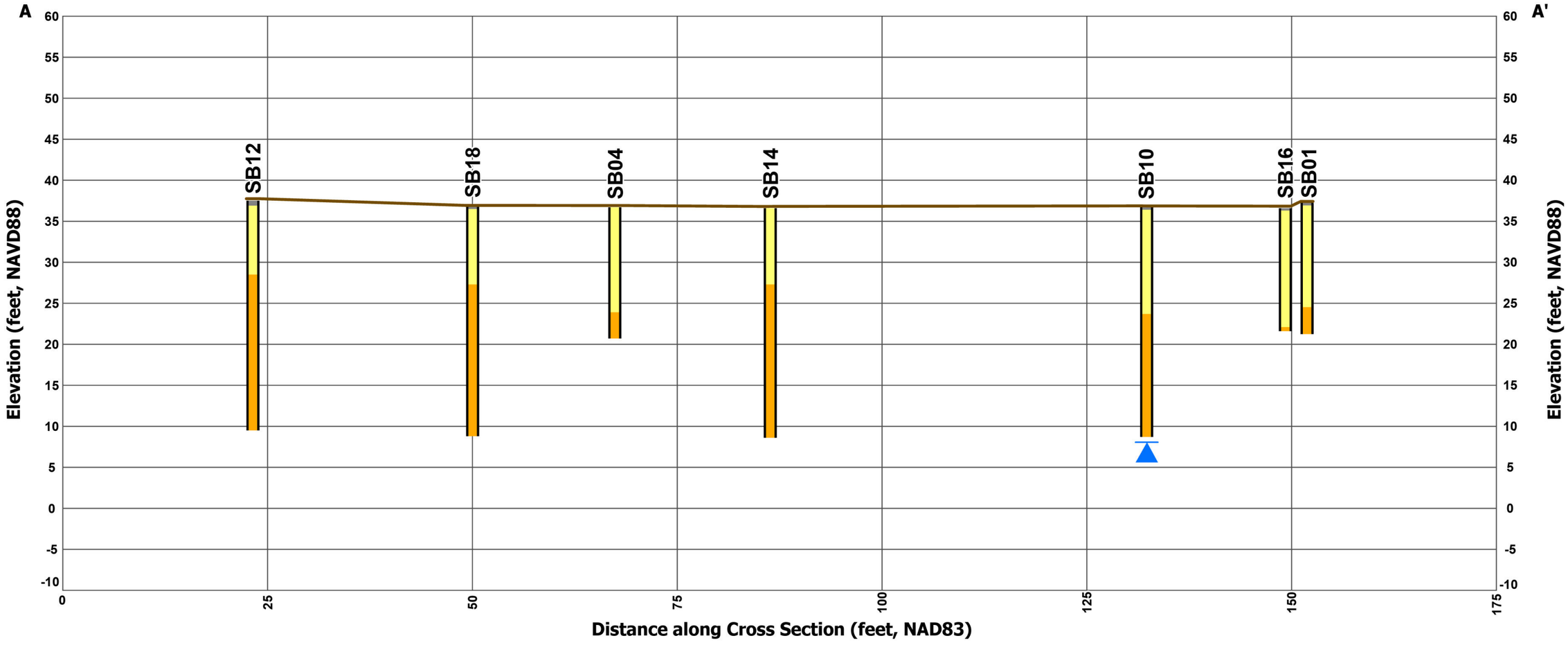
Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

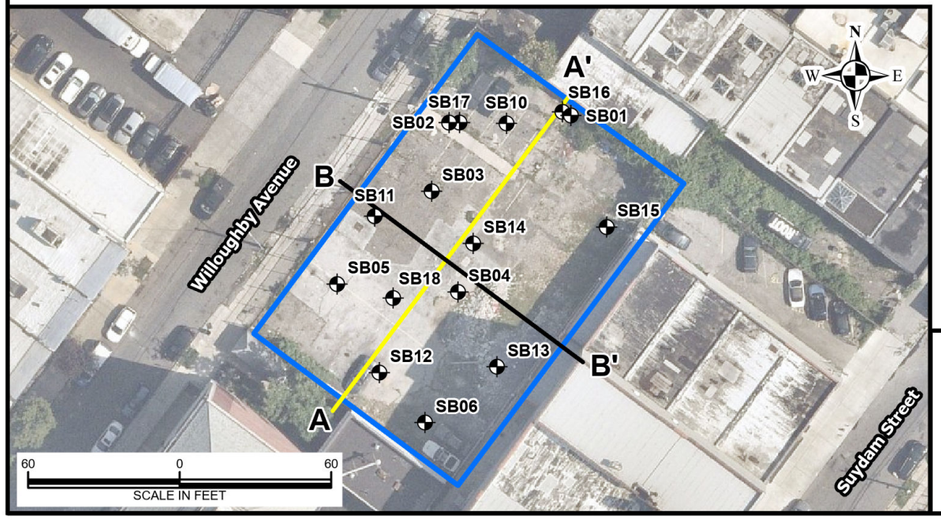
Figure Title
SAMPLE LOCATION AND PAOC/AOC MAP

Project No.	Figure No.
170794301	4
Date: 5/6/2026	
Scale: 1"=30'	
Drawn By: MG	

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Path: \\langan.com\data\NYC\data3\170794301\Project Data\ArcGIS\APRX\170794301 RIR\170794301 RIR.aprx





Legend

- Asphalt
- Non-Native Fill
- Sand
- Ground Surface
- Soil Boring Location
- Cross Section Line
- Approximate Groundwater Depth

Notes:
1. Vertical exaggeration 1:1
2. This profile represents a generalized soil cross section depicting location, elevation, and environmental and engineering properties between points of exploration. Variations in subsurface conditions should be expected between borings.
3. NAVD88 = North American Vertical Datum of 1988
4. NAD83 = North American Datum of 1983

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Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

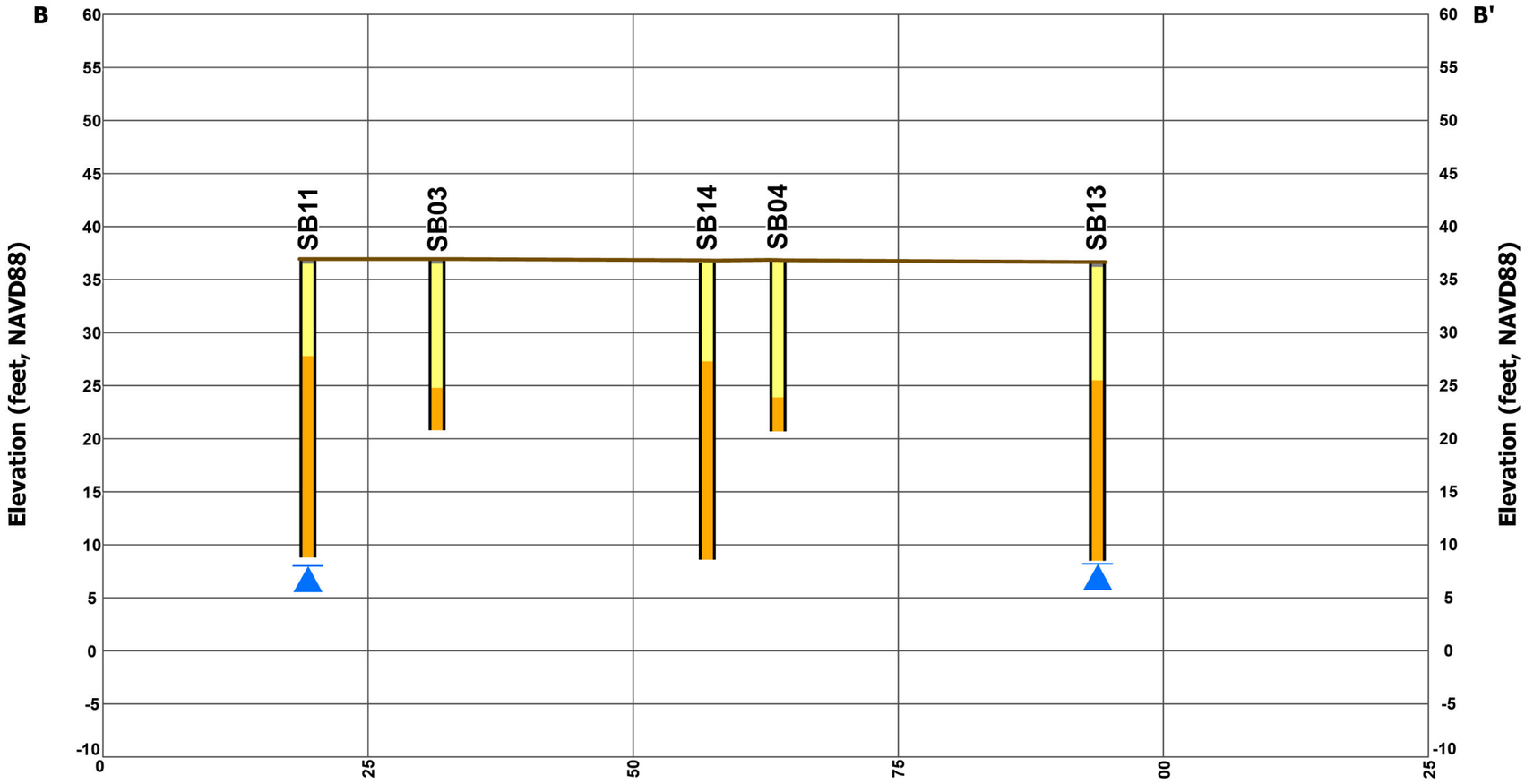
Figure Title
SUBSURFACE PROFILE A-A'

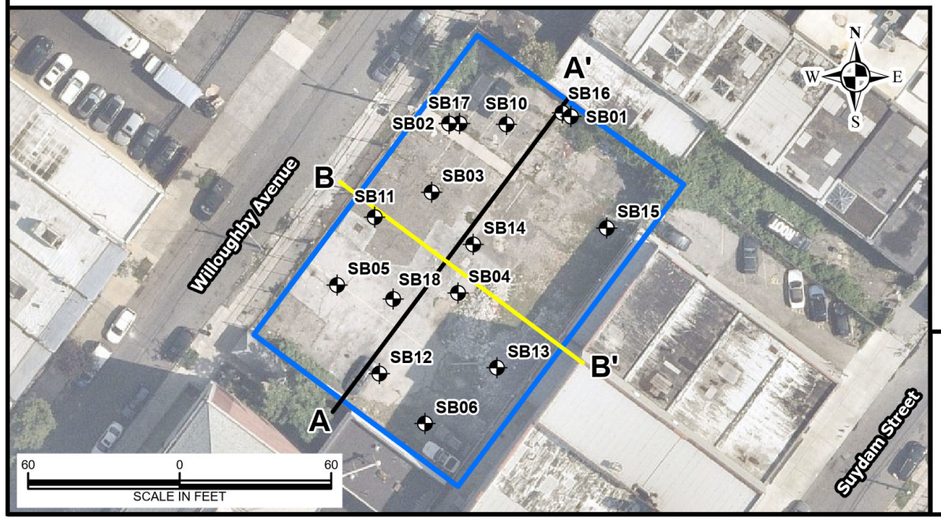
Project No. 170794301
Date 2/5/2026
Scale AS SHOWN
Drawn By MG

Figure No. 5

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Legend

- Asphalt
- Non-Native Fill
- Sand
- Ground Surface
- Soil Boring Location
- Cross Section Line
- Approximate Groundwater Depth

Notes:
1. Vertical exaggeration 1:1
2. This profile represents a generalized soil cross section depicting location, elevation, and environmental and engineering properties between points of exploration. Variations in subsurface conditions should be expected between borings.
3. NAVD88 = North American Vertical Datum of 1988
4. NAD83 = North American Datum of 1983

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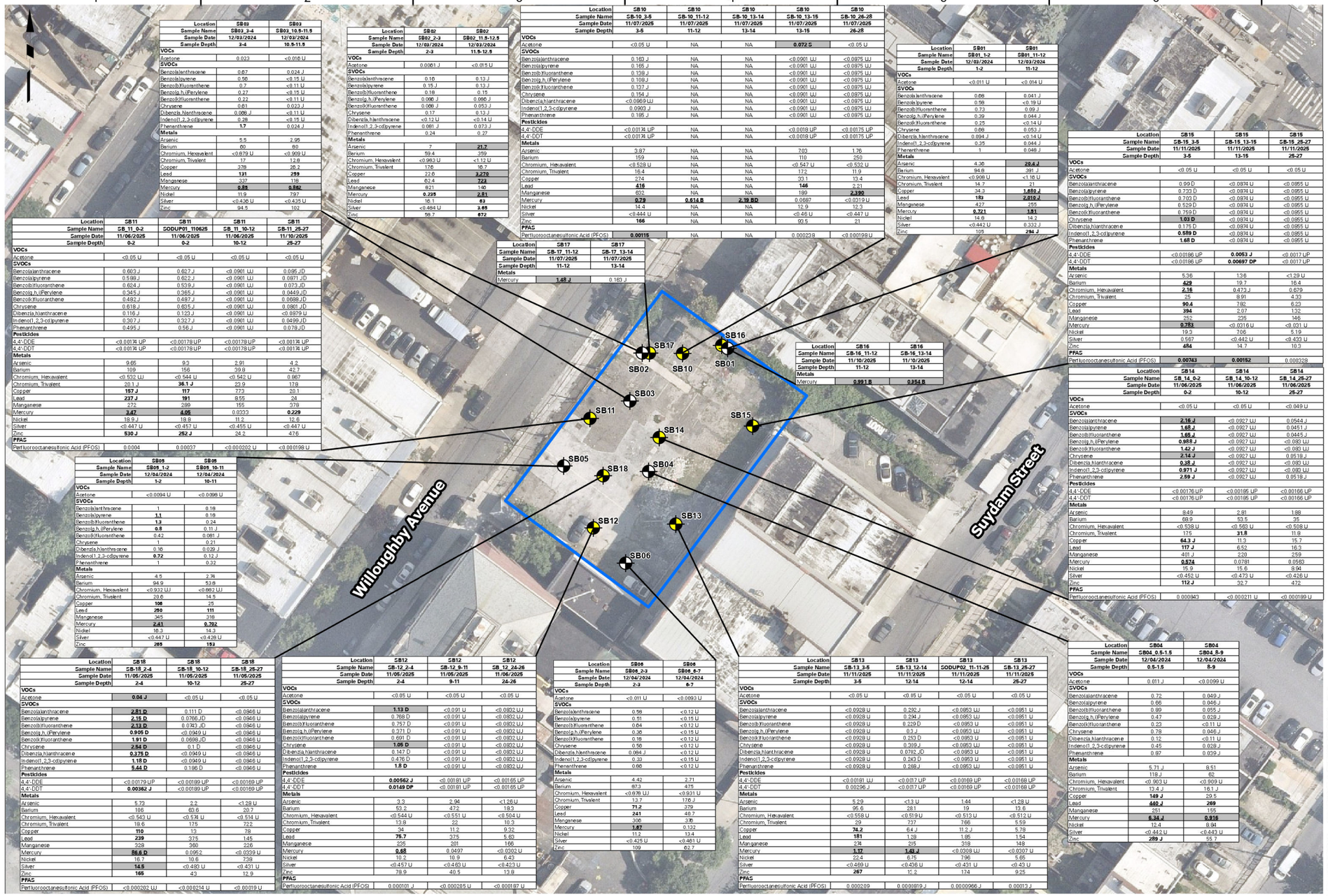
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Figure Title
SUBSURFACE PROFILE B-B'

Project No. 170794301
Date 2/5/2026
Scale AS SHOWN
Drawn By MG
Figure No. 6

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Location	SB03	SB03
Sample Name	SB03_3-4	SB03_10.5-11.5
Sample Date	12/03/2024	12/03/2024
Sample Depth	3-4	10.5-11.5
VOCs		
Acetone	0.023	<0.016 U
SVOCs		
Benzo(a)anthracene	0.67	0.024 J
Benzo(a)pyrene	0.56	<0.15 U
Benzo(b)fluoranthene	0.7	<0.11 U
Benzo(g,h,i)Perylene	0.27	<0.15 U
Benzo(k)fluoranthene	0.22	<0.11 U
Chrysene	0.61	0.022 J
Dibenz(a,h)anthracene	0.088 J	<0.11 U
Indeno(1,2,3-cd)pyrene	0.28	<0.15 U
Phenanthrene	**1.7**	0.024 J
Metals		
Arsenic	5.5	2.95
Barium	60	60
Chromium, Hexavalent	<0.879 U	<0.909 U
Chromium, Trivalent	17	12.8
Copper	378	26.2
Lead	**131**	**259**
Manganese	337	118
Mercury	**0.85**	**0.862**
Nickel	11.9	797
Silver	<0.436 U	<0.435 U
Zinc	94.5	102

Location	SB02	SB02
Sample Name	SB02_2-3	SB02_11.5-12.5
Sample Date	12/03/2024	12/03/2024
Sample Depth	2-3	11.5-12.5
VOCs		
Acetone	0.0061 J	<0.015 U
SVOCs		
Benzo(a)anthracene	0.16	0.13 J
Benzo(a)pyrene	0.15 J	0.13 J
Benzo(b)fluoranthene	0.18	0.15
Benzo(g,h,i)Perylene	0.086 J	0.066 J
Benzo(k)fluoranthene	0.069 J	0.053 J
Chrysene	0.17	0.13 J
Dibenz(a,h)anthracene	<0.12 U	<0.14 U
Indeno(1,2,3-cd)pyrene	0.081 J	0.073 J
Phenanthrene	0.24	0.27
Metals		
Arsenic	7	**21.7**
Barium	59.4	359
Chromium, Hexavalent	<0.983 U	<1.12 U
Chromium, Trivalent	17.6	16.7
Copper	22.6	**3,270**
Lead	62.4	**723**
Manganese	821	146
Mercury	**0.235**	**2.81**
Nickel	16.1	**63**
Silver	<0.484 U	**3.65**
Zinc	58.7	**872**

Location	SB10	SB10	SB10	SB10	SB10
Sample Name	SB-10_3-5	SB-10_11-12	SB-10_13-14	SB-10_13-15	SB-10_26-28
Sample Date	11/07/2025	11/07/2025	11/07/2025	11/07/2025	11/07/2025
Sample Depth	3-5	11-12	13-14	13-15	26-28
VOCs					
Acetone	<0.05 U	NA	NA	**0.072 S**	<0.05 U
SVOCs					
Benzo(a)anthracene	0.160 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Benzo(a)pyrene	0.166 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Benzo(b)fluoranthene	0.139 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Benzo(g,h,i)Perylene	0.109 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Benzo(k)fluoranthene	0.137 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Chrysene	0.154 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Dibenz(a,h)anthracene	<0.0869 UJ	NA	NA	<0.0901 UJ	<0.0875 UJ
Indeno(1,2,3-cd)pyrene	0.0903 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Phenanthrene	0.185 J	NA	NA	<0.0901 UJ	<0.0875 UJ
Pesticides					
4,4'-DDE	<0.00174 UP	NA	NA	<0.0018 UP	<0.00175 UP
4,4'-DDT	<0.00174 UP	NA	NA	<0.0018 UP	<0.00175 UP
Metals					
Arsenic	3.87	NA	NA	7.03	1.76
Barium	159	NA	NA	110	250
Chromium, Hexavalent	<0.528 U	NA	NA	<0.547 U	<0.552 U
Chromium, Trivalent	16.4	NA	NA	17.2	11.9
Copper	274	NA	NA	33.1	13.4
Lead	**416**	NA	NA	**146**	2.21
Manganese	652	NA	NA	189	**2,390**
Mercury	**0.79**	**0.614 B**	**2.19 BD**	0.0687	<0.0319 U
Nickel	14.4	NA	NA	12.9	12.3
Silver	<0.444 U	NA	NA	<0.46 U	<0.447 U
Zinc	**166**	NA	NA	93.5	21
PFAS					
Perfluorooctanesulfonic Acid (PFOS)	**0.00115**	NA	NA	0.000238	<0.000198 U

Location	SB01	SB01
Sample Name	SB01_1-2	SB01_11-12
Sample Date	12/03/2024	12/03/2024
Sample Depth	1-2	11-12
VOCs		
Acetone	<0.011 U	<0.014 U
SVOCs		
Benzo(a)anthracene	0.68	0.041 J
Benzo(a)pyrene	0.56	<0.19 U
Benzo(b)fluoranthene	0.73	0.09 J
Benzo(g,h,i)Perylene	0.39	0.044 J
Benzo(k)fluoranthene	0.25	<0.14 U
Chrysene	0.66	0.053 J
Dibenz(a,h)anthracene	0.094 J	<0.14 U
Indeno(1,2,3-cd)pyrene	0.35	0.044 J
Phenanthrene	1	0.046 J
Metals		
Arsenic	4.36	**20.4 J**
Barium	94.8	391 J
Chromium, Hexavalent	<0.908 U	<1.16 U
Chromium, Trivalent	14.7	21
Copper	34.3	**1,859 J**
Lead	**183**	**2,010 J**
Manganese	427	255
Mercury	**0.721**	**1.81**
Nickel	14.6	14.2
Silver	<0.442 U	0.332 J
Zinc	105	**294 J**

Location	SB15	SB15	SB15
Sample Name	SB-15_3-5	SB-15_13-15	SB-15_25-27
Sample Date	11/11/2025	11/11/2025	11/11/2025
Sample Depth	3-5	13-15	25-27
VOCs			
Acetone	<0.05 U	<0.05 U	<0.05 U
SVOCs			
Benzo(a)anthracene	0.99 D	<0.0874 U	<0.0895 U
Benzo(a)pyrene	0.733 D	<0.0874 U	<0.0895 U
Benzo(b)fluoranthene	0.703 D	<0.0874 U	<0.0895 U
Benzo(g,h,i)Perylene	0.529 D	<0.0874 U	<0.0895 U
Benzo(k)fluoranthene	0.759 D	<0.0874 U	<0.0895 U
Chrysene	**1.03 D**	<0.0874 U	<0.0895 U
Dibenz(a,h)anthracene	0.175 D	<0.0874 U	<0.0895 U
Indeno(1,2,3-cd)pyrene	**0.589 D**	<0.0874 U	<0.0895 U
Phenanthrene	**1.68 D**	<0.0874 U	<0.0895 U
Pesticides			
4,4'-DDE	<0.00186 UP	**0.0053 J**	<0.0017 UP
4,4'-DDT	<0.00186 UP	**0.00697 DP**	<0.0017 UP
Metals			
Arsenic	5.36	1.36	<1.29 U
Barium	**429**	19.7	16.4
Chromium, Hexavalent	**2.15**	0.473 J	0.679
Chromium, Trivalent	25	8.91	4.33
Copper	**90.4**	7.82	6.23
Lead	**394**	2.07	1.32
Manganese	252	235	146
Mercury	**0.783**	<0.0316 U	<0.031 U
Nickel	19.5	7.66	5.19
Silver	0.567	<0.442 U	<0.433 U
Zinc	**484**	14.7	10.3
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	**0.00743**	**0.00152**	0.000328

Location	SB11	SB11	SB11	SB11
Sample Name	SB_11_0-2	SODUP01_110625	SB_11_10-12	SB-11_25-27
Sample Date	11/06/2025	11/06/2025	11/06/2025	11/10/2025
Sample Depth	0-2	0-2	10-12	25-27
VOCs				
Acetone	<0.05 U	<0.05 U	<0.05 U	<0.05 U
SVOCs				
Benzo(a)anthracene	0.603 J	0.627 J	<0.0901 UJ	0.095 JD
Benzo(a)pyrene	0.598 J	0.622 J	<0.0901 UJ	0.0871 JD
Benzo(b)fluoranthene	0.624 J	0.539 J	<0.0901 UJ	0.073 JD
Benzo(g,h,i)Perylene	0.345 J	0.365 J	<0.0901 UJ	0.0449 JD
Benzo(k)fluoranthene	0.482 J	0.487 J	<0.0901 UJ	0.0688 JD
Chrysene	0.618 J	0.635 J	<0.0901 UJ	0.0801 JD
Dibenz(a,h)anthracene	0.116 J	0.123 J	<0.0901 UJ	<0.0979 U
Indeno(1,2,3-cd)pyrene	0.507 J	0.527 J	<0.0901 UJ	0.0499 JD
Phenanthrene	0.495 J	0.56 J	<0.0901 UJ	0.078 JD
Pesticides				
4,4'-DDE	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP
4,4'-DDT	<0.00174 UP	<0.00178 UP	<0.00178 UP	<0.00174 UP
Metals				
Arsenic	9.65	9.3	2.91	4.2
Barium	109	156	59.8	42.7
Chromium, Hexavalent	<0.532 UJ	<0.544 U	<0.542 U	0.867
Chromium, Trivalent	20.1 J	**36.1 J**	23.9	17.8
Copper	**157 J**	**117**	27.3	20.1
Lead	**237 J**	**191**	8.55	24
Manganese	272	289	155	378
Mercury	**3.47**	**4.05**	0.0333	**0.229**
Nickel	18.9 J	19.8	11.2	12.6
Silver	<0.447 U	<0.457 U	<0.455 U	<0.447 U
Zinc	**530 J**	**252 J**	24.2	47.6
PFAS				
Perfluorooctanesulfonic Acid (PFOS)	0.0004	0.00037	<0.000202 U	<0.000198 U

Location	SB16	SB16
Sample Name	SB-16_11-12	SB-16_13-14
Sample Date	11/10/2025	11/10/2025
Sample Depth	11-12	13-14
Metals		
Mercury	**0.991 B**	**0.954 B**

Location	SB17	SB17
Sample Name	SB-17_11-12	SB-17_13-14
Sample Date	11/07/2025	11/07/2025
Sample Depth	11-12	13-14
Metals		
Mercury	**1.48 J**	0.163 J

Location	SB14	SB14	SB14
Sample Name	SB_14_0-2	SB_14_10-12	SB_14_25-27
Sample Date	11/06/2025	11/06/2025	11/06/2025
Sample Depth	0-2	10-12	25-27
VOCs			
Acetone	<0.05 U	<0.05 U	<0.049 U
SVOCs			
Benzo(a)anthracene	**2.16 J**	<0.0927 UJ	0.0544 J
Benzo(a)pyrene	**1.68 J**	<0.0927 UJ	0.0451 J
Benzo(b)fluoranthene	**1.65 J**	<0.0927 UJ	0.0445 J
Benzo(g,h,i)Perylene	**0.988 J**	<0.0927 UJ	<0.093 UJ
Benzo(k)fluoranthene	**1.42 J**	<0.0927 UJ	<0.093 UJ
Chrysene	**2.14 J**	<0.0927 UJ	0.0518 J
Dibenz(a,h)anthracene	**0.38 J**	<0.0927 UJ	<0.093 UJ
Indeno(1,2,3-cd)pyrene	**0.971 J**	<0.0927 UJ	<0.093 UJ
Phenanthrene	**2.59 J**	<0.0927 UJ	0.0518 J
Pesticides			
4,4'-DDE	<0.00176 UP	<0.00195 UP	<0.00166 UP
4,4'-DDT	<0.00176 UP	<0.00195 UP	<0.00166 UP
Metals			
Arsenic	8.49	2.91	1.89
Barium	68.9	53.5	35
Chromium, Hexavalent	<0.538 U	<0.563 U	<0.508 U
Chromium, Trivalent	17.5	**31.8**	11.9
Copper	**64.3 J**	11.3	15.7
Lead	**117 J**	6.52	16.3
Manganese	401 J	2.91	259
Mercury	**0.574**	0.0781	0.0563
Nickel	15.9	15.6	8.94
Silver	<0.452 U	<0.473 U	<0.426 U
Zinc	**112 J**	33.7	47.2
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.000943	<0.000211 U	<0.000189 U

Location	SB05	SB05
Sample Name	SB05_1-2	SB05_10-11
Sample Date	12/04/2024	12/04/2024
Sample Depth	1-2	10-11
VOCs		
Acetone	<0.0094 U	<0.0098 U
SVOCs		
Benzo(a)anthracene	1	0.18
Benzo(a)pyrene	**1.1**	0.18
Benzo(b)fluoranthene	**1.3**	0.24
Benzo(g,h,i)Perylene	**0.8**	0.11 J
Benzo(k)fluoranthene	0.42	0.081 J
Chrysene	1	0.21
Dibenz(a,h)anthracene	0.16	0.029 J
Indeno(1,2,3-cd)pyrene	**0.72**	0.12 J
Phenanthrene	1	0.22
Metals		
Arsenic	4.5	2.76
Barium	94.9	53.8
Chromium, Hexavalent	<0.932 UJ	<0.882 UJ
Chromium, Trivalent	20.6	14.5
Copper	**106**	25
Lead	**250**	**111**
Manganese	345	316
Mercury	**2.41**	**0.702**
Nickel	16.3	14.3
Silver	<0.447 U	<0.426 U
Zinc	**265**	**153**

Location	SB04	SB04
Sample Name	SB04_0.5-1.5	SB04_8-9
Sample Date	12/04/2024	12/04/2024
Sample Depth	0.5-1.5	8-9
VOCs		
Acetone	0.011 J	<0.0099 U
SVOCs		
Benzo(a)anthracene	0.72	0.049 J
Benzo(a)pyrene	0.66	0.046 J
Benzo(b)fluoranthene	0.89	0.055 J
Benzo(g,h,i)Perylene	0.47	0.028 J
Benzo(k)fluoranthene	0.23	<0.11 U
Chrysene	0.78	0.046 J
Dibenz(a,h)anthracene	0.12	<0.11 U
Indeno(1,2,3-cd)pyrene	0.45	0.028 J
Phenanthrene	0.97	0.039 J
Metals		
Arsenic	5.71 J	8.51
Barium	118 J	62
Chromium, Hexavalent	<0.903 U	<0.909 U
Chromium, Trivalent	13.4 J	16.1 J
Copper	**149 J**	29.5
Lead	**440 J**	**269**
Manganese	251	155
Mercury	**5.34 J**	**0.916**
Nickel	12.4	8.94
Silver	<0.442 U	<0.443 U
Zinc	**289 J**	55.7

Location	SB18	SB18	SB18
Sample Name	SB-18_2-4	SB-18_10-12	SB-18_25-27
Sample Date	11/05/2025	11/05/2025	11/05/2025
Sample Depth	2-4	10-12	25-27
VOCs			
Acetone	**0.04 J**	<0.05 U	<0.05 U
SVOCs			
Benzo(a)anthracene	**2.81 D**	0.111 D	<0.0946 U
Benzo(a)pyrene	**2.15 D**	0.0766 JD	<0.0946 U
Benzo(b)fluoranthene	**2.13 D**	0.0763 JD	<0.0946 U
Benzo(g,h,i)Perylene	**0.905 D**	<0.0949 U	<0.0946 U
Benzo(k)fluoranthene	**1.91 D**	0.0696 JD	<0.0946 U
Chrysene	**2.54 D**	0.1 D	<0.0946 U
Dibenz(a,h)anthracene	**0.375 D**	<0.0949 U	<0.0946 U
Indeno(1,2,3-cd)pyrene	**1.18 D**	<0.0949 U	<0.0946 U
Phenanthrene	**5.44 D**	0.186 D	<0.0946 U
Pesticides			
4,4'-DDE	<0.00179 UP	<0.00189 UP	<0.00169 UP
4,4'-DDT	**0.00362 J**	<0.00189 UP	<0.00169 UP
Metals			
Arsenic	5.73	2.2	<1.28 U
Barium	106	63.6	29.7
Chromium, Hexavalent	<0.543 U	<0.574 U	<0.514 U
Chromium, Trivalent	18.6	17.5	7.22
Copper	**110**	13	7.8
Lead	**239**	3.75	1.45
Manganese	328	360	226
Mercury	**86.6 D**	0.0952	<0.0339 U
Nickel	16.7	10.6	7.58
Silver	**14.5**	<0.493 U	<0.431 U
Zinc	**165**	43	12.9
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000202 U	<0.000214 U	<0.00019 U

Location	SB12	SB12	SB12
Sample Name	SB-12_2-4	SB-12_9-11	SB_12_24-26
Sample Date	11/05/2025	11/05/2025	11/06/2025
Sample Depth	2-4	9-11	24-26
VOCs			
Acetone	<0.05 U	<0.05 U	<0.05 U
SVOCs			
Benzo(a)anthracene	**1.13 D**	<0.091 U	<0.0892 UJ
Benzo(a)pyrene	0.768 D	<0.091 U	<0.0892 UJ
Benzo(b)fluoranthene	0.757 D	<0.091 U	<0.0892 UJ
Benzo(g,h,i)Perylene	0.371 D	<0.091 U	<0.0892 UJ
Benzo(k)fluoranthene	0.691 D	<0.091 U	<0.0892 UJ
Chrysene	**1.05 D**	<0.091 U	<0.0892 UJ
Dibenz(a,h)anthracene	0.147 D	<0.091 U	<0.0892 UJ
Indeno(1,2,3-cd)pyrene	0.476 D	<0.091 U	<0.0892 UJ
Phenanthrene	**1.8 D**	<0.091 U	<0.0892 UJ
Pesticides			
4,4'-DDE	**0.00562 J**	<0.00181 UP	<0.00165 UP
4,4'-DDT	**0.0149 DP**	<0.00181 UP	<0.00165 UP
Metals			
Arsenic	3.3	2.94	<1.28 U
Barium	53.2	47.2	18.3
Chromium, Hexavalent	<0.544 U	<0.551 U	<0.504 U
Chromium, Trivalent	13.8	22	10.3
Copper	34	11.2	9.22
Lead	**75.7**	3.75	5.63
Manganese	235	201	166
Mercury	**0.68**	0.0497	<0.0302 U
Nickel	10.2	10.9	6.43
Silver	<0.457 U	<0.463 U	<0.423 U
Zinc	78.9	40.5	13.8
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.000101 J	<0.000205 U	<0.000187 U

Location	SB06	SB06
Sample Name	SB06_2-3	SB06_6-7
Sample Date	12/04/2024	12/04/2024
Sample Depth	2-3	6-7
VOCs		
Acetone	<0.011 U	<0.0093 U
SVOCs		
Benzo(a)anthracene	0.58	<0.12 U
Benzo(a)pyrene	0.51	<0.15 U
Benzo(b)fluoranthene	0.64	<0.12 U
Benzo(g,h,i)Perylene	0.36	<0.15 U
Benzo(k)fluoranthene	0.18	<0.12 U
Chrysene	0.56	<0.12 U
Dibenz(a,h)anthracene	0.094 J	<0.15 U
Indeno(1,2,3-cd)pyrene	0.33	<0.15 U
Phenanthrene	0.66	<0.12 U
Metals		
Arsenic	4.42	2.71
Barium	87.3	475
Chromium, Hexavalent	<0.676 UJ	<0.931 U
Chromium, Trivalent	13.7	176 J
Copper	**71.2**	379
Lead	**241**	40.7
Manganese	306	376
Mercury	**1.87**	0.132
Nickel	11.2	13.4
Silver	<0.425 U	<0.461 U
Zinc	109	62.7

Location	SB13	SB13	SB13	SB13
Sample Name	SB-13_3-5	SB-13_12-14	SODUP02_11-11-25	SB-13_25-27
Sample Date	11/11/2025	11/11/2025	11/11/2025	11/11/2025
Sample Depth	3-5	12-14	12-14	25-27
VOCs				
Acetone	<0.05 U	<0.05 U	<0.05 U	<0.05 U
SVOCs				
Benzo(a)anthracene	<0.0928 U	0.292 J	<0.0953 UJ	<0.0851 U
Benzo(a)pyrene	<0.0928 U	0.294 J	<0.0953 UJ	<0.0851 U
Benzo(b)fluoranthene	<0.0928 U	0.229 D	<0.0953 U	<0.0851 U
Benzo(g,h,i)Perylene	<0.0928 U	0.0 J	<0.0953 UJ	<0.0851 U
Benzo(k)fluoranthene	<0.0928 U	0.253 D	<0.0953 U	<0.0851 U
Chrysene	<0.0928 U	0.319 J	<0.0953 UJ	<0.0851 U
Dibenz(a,h)anthracene	<0.0928 U	0.0792 JD	<0.0953 U	<0.0851 U
Indeno(1,2,3-cd)pyrene	<0.0928 U	0.243 D	<0.0953 U	<0.0851 U
Phenanthrene	<0.0928 U	0.268 J	<0.0953 UJ	<0.0851 U
Pesticides				
4,4'-DDE	<0.00191 UJ	<0.0017 UP	<0.00169 UP	<0.00168 UP
4,4'-DDT	0.00296 J	<0.0017 UP	<0.00169 UP	<0.00168 UP
Metals				
Arsenic	5.29	<1.3 U	1.44	<1.28 U
Barium	95.6	28.1	19	13.6
Chromium, Hexavalent	<0.558 U	<0.519 U	<0.513 U	<0.512 U
Chromium, Trivalent	29	737	7.66	5.59
Copper	**74.2**	64 J	11.2 J	5.78
Lead	**181**	1.38	1.85	1.54
Manganese	231	215	318	148
Mercury	**1.17**	**1.43 J**	<0.0308 U	<0.0307 U
Nickel	22.4	6.75	7.96	5.65
Silver	<0.469 U	<0.436 U	<0.431 U	<0.43 U
Zinc	**267**	15.2	17.4	9.25
PFAS				
Perfluorooctanesulfonic Acid (PFOS)	0.000209	0.000819 J	0.0000966 J	0.00013 J

Legend

- Approximate Soil Boring and Soil Sample Location (2025 LSI)
- Approximate Soil Boring and Soil Sample Location (2025 RI)
- Approximate Site Boundary

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.03	0.03	100
SVOCs			
Benzo(a)anthracene	1	1	1.4
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	2.1	1.4
Benzo(g,h,i)Perylene	0.64	1000	4.9
Benzo(k)fluoranthene	0.8	2	4.9
Chrysene	1	1	4.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	6.6	1.4
Phenanthrene	1.1	1000	4.9
Pesticides			
4,4'-DDE	0.0033	9.3	3.4
4,4'-DDT	0.0033	135	3.8
Metals			
Arsenic	13	16	16
Barium	410	820	410
Chromium, Hexavalent	1	19	1
Chromium, Trivalent	30	NS	110
Copper	50	1720	280
Lead	63	450	400
Manganese	1600	2000	2000
Mercury	0.18	0.73	0.3
Nickel	30	130	320
Silver	2	8.3	110
Zinc	109	2480	6800
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Notes:
1. Aerial imagery proviced through Langan's subscription to Near Map dated 07/03/2025.
2. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Restricted Use Restricted-Residential, and Restricted Use Commercial Soil Cleanup Objectives (SCO).
3. Soil sample analytical results for per- and polyfluoralkyl substances (PFAS) are compared to the NYSDEC Part 375 Remedial Programs Guidelines for Sampling and Analysis of PFAS Unrestricted Use, Restricted Use Restricted-Residential, and Restricted Use Commercial Guidance Values (April 2023).
4. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).
5. Only compounds with exceedances of referenced Part 375 SCOs are shown
6. All concentrations reported in mg/kg (milligram per kilogram)
7. NA - Not analyzed
8. RL - Reporting limit

Qualifiers:
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
D - The concentration reported is a result of a diluted sample.
P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.
S - Laboratory solvent, contamination is possible

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

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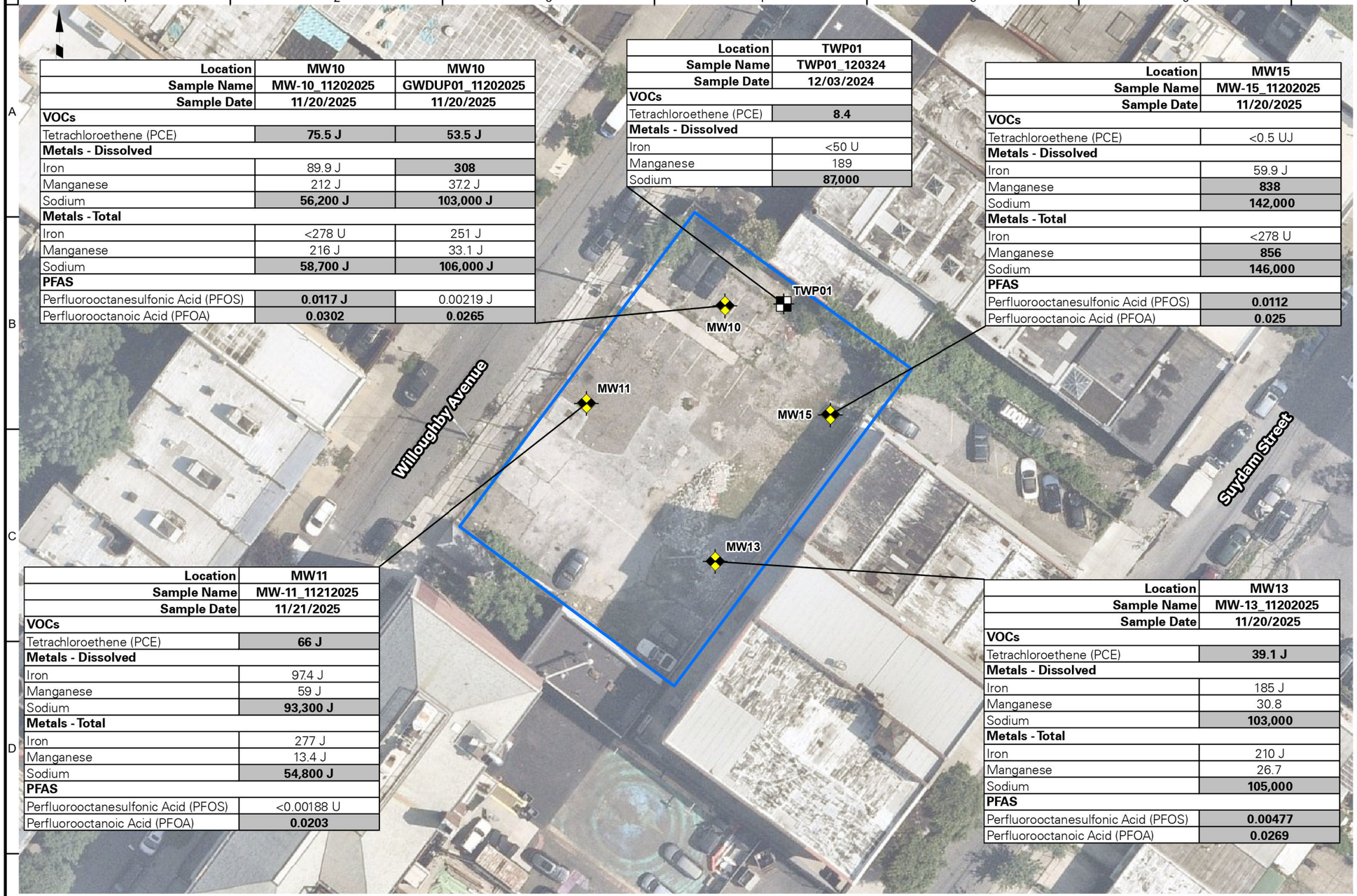
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Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

Figure Title
SOIL SAMPLE ANALYTICAL RESULTS MAP

Project No. 170794301
Date 2/25/2026
Scale 1"=60'
Drawn By MG
Figure No. 7

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Location	MW10	MW10
Sample Name	MW-10_11202025	GWDUP01_11202025
Sample Date	11/20/2025	11/20/2025
VOCs		
Tetrachloroethene (PCE)	**75.5 J**	**53.5 J**
Metals - Dissolved		
Iron	89.9 J	**308**
Manganese	212 J	37.2 J
Sodium	**56,200 J**	**103,000 J**
Metals - Total		
Iron	<278 U	251 J
Manganese	216 J	33.1 J
Sodium	**58,700 J**	**106,000 J**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.0117 J**	0.00219 J
Perfluorooctanoic Acid (PFOA)	**0.0302**	**0.0265**

Location	TWP01
Sample Name	TWP01_120324
Sample Date	12/03/2024
VOCs	
Tetrachloroethene (PCE)	**8.4**
Metals - Dissolved	
Iron	<50 U
Manganese	189
Sodium	**87,000**

Location	MW15
Sample Name	MW-15_11202025
Sample Date	11/20/2025
VOCs	
Tetrachloroethene (PCE)	<0.5 UJ
Metals - Dissolved	
Iron	59.9 J
Manganese	**838**
Sodium	**142,000**
Metals - Total	
Iron	<278 U
Manganese	**856**
Sodium	**146,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0112**
Perfluorooctanoic Acid (PFOA)	**0.025**

Location	MW11
Sample Name	MW-11_11212025
Sample Date	11/21/2025
VOCs	
Tetrachloroethene (PCE)	**66 J**
Metals - Dissolved	
Iron	97.4 J
Manganese	59 J
Sodium	**93,300 J**
Metals - Total	
Iron	277 J
Manganese	13.4 J
Sodium	**54,800 J**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00188 U
Perfluorooctanoic Acid (PFOA)	**0.0203**

Location	MW13
Sample Name	MW-13_11202025
Sample Date	11/20/2025
VOCs	
Tetrachloroethene (PCE)	**39.1 J**
Metals - Dissolved	
Iron	185 J
Manganese	30.8
Sodium	**103,000**
Metals - Total	
Iron	210 J
Manganese	26.7
Sodium	**105,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.00477**
Perfluorooctanoic Acid (PFOA)	**0.0269**

Legend

- Approximate Temporary Groundwater Monitoring Well and Groundwater Sample Location (2025 LSI)
- Approximate Monitoring Well Groundwater Sample Location (2025 RI)
- Approximate Site Boundary

Analyte	NYSDEC SGVs
VOCs	
Tetrachloroethene (PCE)	5
Metals - Dissolved	
Iron	300
Manganese	300
Sodium	20000
Metals - Total	
Iron	300
Manganese	300
Sodium	20000
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:
1. Aerial imagery provided through Langan's subscription to Near Map dated 07/03/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. Only compounds detected at concentrations above the NYSDEC SGVs are shown.
4. All concentrations reported in ug/L (microgram per liter)
5. NA - Not analyzed
6. RL - Reporting limit

Qualifiers:
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

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Project: WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

Figure Title: GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP

Project No. 170794301
Date 2/6/2026
Scale 1"=40'
Drawn By MG
Figure No. 8

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Location	SV03
Sample Name	SV03_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<1.09 U
1,1-Dichloroethane	2.11
1,2,4-Trimethylbenzene	8.8
1,3,5-Trimethylbenzene (Mesitylene)	2.08
1,3-Butadiene	5.07
2,2,4-Trimethylpentane	18.6
4-Ethyltoluene	2.82
Acetone	302
Benzene	5.88
Carbon Disulfide	2.68
Chloroform	<0.977 U
Chloromethane	<0.413 U
Cyclohexane	37.5
Dichlorodifluoromethane	1.27
Ethanol	13.9
Ethyl Acetate	<1.8 U
Ethylbenzene	7.3
Isopropanol	5.36
M,P-Xylene	30
Methyl Ethyl Ketone (2-Butanone)	28.2
n-Heptane	11.7
n-Hexane	25.6
o-Xylene (1,2-Dimethylbenzene)	9.51
Tert-Butyl Alcohol	5.09
Tetrachloroethene (PCE)	1.52
Toluene	26.9
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	<1.12 U

Location	SV02
Sample Name	SV02_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	3.11
1,1-Dichloroethane	<0.809 U
1,2,4-Trimethylbenzene	6.78
1,3,5-Trimethylbenzene (Mesitylene)	1.46
1,3-Butadiene	<0.442 U
2,2,4-Trimethylpentane	<0.934 U
4-Ethyltoluene	2.36
Acetone	20.9
Benzene	1.06
Carbon Disulfide	3.18
Chloroform	<0.977 U
Chloromethane	<0.413 U
Cyclohexane	0.971
Dichlorodifluoromethane	2.65
Ethanol	<9.42 U
Ethyl Acetate	<1.8 U
Ethylbenzene	3.08
Isopropanol	<2.46 U
M,P-Xylene	15.3
Methyl Ethyl Ketone (2-Butanone)	4.04
n-Heptane	2.25
n-Hexane	1.65
o-Xylene (1,2-Dimethylbenzene)	4.69
Tert-Butyl Alcohol	1.68
Tetrachloroethene (PCE)	3.76
Toluene	8.63
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	1.62

Location	SV10
Sample Name	SV10_111125
Sample Date	11/10/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.89 U
1,1-Dichloroethane	<0.66 U
1,2,4-Trimethylbenzene	1.8 D
1,3,5-Trimethylbenzene (Mesitylene)	<0.8 U
1,3-Butadiene	<1.1 U
2,2,4-Trimethylpentane	<0.38 U
4-Ethyltoluene	<0.8 U
Acetone	12 JD
Benzene	<0.52 U
Carbon Disulfide	<0.51 U
Chloroform	<0.8 U
Chloromethane	<0.34 U
Cyclohexane	<0.56 U
Dichlorodifluoromethane	2.3 D
Ethyl Acetate	1.8 JD
Ethylbenzene	0.78 D
Isopropanol	<2.4 U
Isopropylbenzene (Cumene)	<0.8 U
M,P-Xylene	3.1 D
Methyl Ethyl Ketone (2-Butanone)	1.2 JD
n-Heptane	<0.67 U
n-Hexane	<0.58 U
o-Xylene (1,2-Dimethylbenzene)	1.6 D
Propylene	<0.28 U
Sec-Butylbenzene	<0.9 U
Tetrachloroethene (PCE)	6 D
Toluene	3.6 D
Total Xylenes	4.6 D
Trichloroethene (TCE)	<0.22 U
Trichlorofluoromethane	1 D

Location	SV01
Sample Name	SV01_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	12.1
1,1-Dichloroethane	<0.809 U
1,2,4-Trimethylbenzene	7.33
1,3,5-Trimethylbenzene (Mesitylene)	1.53
1,3-Butadiene	4.05
2,2,4-Trimethylpentane	<0.934 U
4-Ethyltoluene	2.41
Acetone	12.8
Benzene	3.83
Carbon Disulfide	5.14
Chloroform	<0.977 U
Chloromethane	<0.413 U
Cyclohexane	0.723
Dichlorodifluoromethane	3.36
Ethanol	<9.42 U
Ethyl Acetate	<1.8 U
Ethylbenzene	5.91
Isopropanol	1.41
M,P-Xylene	26
Methyl Ethyl Ketone (2-Butanone)	1.73
n-Heptane	3.45
n-Hexane	5.29
o-Xylene (1,2-Dimethylbenzene)	7.99
Tert-Butyl Alcohol	3.15
Tetrachloroethene (PCE)	31.9
Toluene	25
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	11.1

Location	SV11
Sample Name	SV11_111125
Sample Date	11/10/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	1.2 D
1,1-Dichloroethane	2.7 D
1,2,4-Trimethylbenzene	1.5 D
1,3,5-Trimethylbenzene (Mesitylene)	<0.75 U
1,3-Butadiene	<1 U
2,2,4-Trimethylpentane	14 D
4-Ethyltoluene	<0.75 U
Acetone	30 D
Benzene	2.1 D
Carbon Disulfide	5.6 D
Chloroform	<0.74 U
Chloromethane	<0.31 U
Cyclohexane	25 D
Dichlorodifluoromethane	<0.75 U
Ethyl Acetate	16 JD
Ethylbenzene	0.93 D
Isopropanol	3 D
Isopropylbenzene (Cumene)	<0.75 U
M,P-Xylene	3 D
Methyl Ethyl Ketone (2-Butanone)	8.9 JD
n-Heptane	<0.63 U
n-Hexane	4.8 D
o-Xylene (1,2-Dimethylbenzene)	1.6 D
Propylene	<0.26 U
Sec-Butylbenzene	<0.84 U
Tetrachloroethene (PCE)	<1 U
Toluene	3.9 D
Total Xylenes	4.6 D
Trichloroethene (TCE)	<0.2 U
Trichlorofluoromethane	<0.86 U

Location	SV15
Sample Name	SV15_111125
Sample Date	11/10/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	11 D
1,1-Dichloroethane	<0.6 U
1,2,4-Trimethylbenzene	1.8 D
1,3,5-Trimethylbenzene (Mesitylene)	<0.73 U
1,3-Butadiene	<0.99 U
2,2,4-Trimethylpentane	<0.35 U
4-Ethyltoluene	<0.73 U
Acetone	8.8 JD
Benzene	1.2 D
Carbon Disulfide	2.1 D
Chloroform	0.87 D
Chloromethane	<0.31 U
Cyclohexane	1.2 D
Dichlorodifluoromethane	<0.73 U
Ethyl Acetate	3 JD
Ethylbenzene	0.65 D
Isopropanol	<2.2 U
Isopropylbenzene (Cumene)	<0.73 U
M,P-Xylene	2.6 D
Methyl Ethyl Ketone (2-Butanone)	0.53 JD
n-Heptane	<0.61 U
n-Hexane	4.8 D
o-Xylene (1,2-Dimethylbenzene)	1.4 D
Propylene	<0.26 U
Sec-Butylbenzene	<0.82 U
Tetrachloroethene (PCE)	840 D
Toluene	2.6 D
Total Xylenes	4 D
Trichloroethene (TCE)	1.5 D
Trichlorofluoromethane	41 D

Location	SV05
Sample Name	SV05_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	2.85 J
1,1-Dichloroethane	<0.809 UJ
1,2,4-Trimethylbenzene	6.78 J
1,3,5-Trimethylbenzene (Mesitylene)	1.56 J
1,3-Butadiene	1.74 J
2,2,4-Trimethylpentane	1.46 J
4-Ethyltoluene	2.32 J
Acetone	14.2 J
Benzene	5.69 J
Carbon Disulfide	7.91 J
Chloroform	<0.977 UJ
Chloromethane	<0.413 UJ
Cyclohexane	5.71 J
Dichlorodifluoromethane	2.39 J
Ethanol	<9.42 UJ
Ethyl Acetate	<1.8 UJ
Ethylbenzene	4.91 J
Isopropanol	<2.46 UJ
M,P-Xylene	21.1 J
Methyl Ethyl Ketone (2-Butanone)	5.6 J
n-Heptane	3.15 J
n-Hexane	5.82 J
o-Xylene (1,2-Dimethylbenzene)	6.69 J
Tert-Butyl Alcohol	3.27 J
Tetrachloroethene (PCE)	14 J
Toluene	22.8 J
Trichloroethene (TCE)	<1.07 UJ
Trichlorofluoromethane	1.48 J

Location	SV06
Sample Name	SV06_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<1.09 U
1,1-Dichloroethane	<0.809 U
1,2,4-Trimethylbenzene	6.24
1,3,5-Trimethylbenzene (Mesitylene)	1.39
1,3-Butadiene	<0.442 U
2,2,4-Trimethylpentane	<0.934 U
4-Ethyltoluene	2.24
Acetone	8.91
Benzene	1.41
Carbon Disulfide	3.24
Chloroform	<0.977 U
Chloromethane	<0.413 U
Cyclohexane	4.54
Dichlorodifluoromethane	2.47
Ethanol	<9.42 U
Ethyl Acetate	<1.8 U
Ethylbenzene	4.91
Isopropanol	<2.46 U
M,P-Xylene	21.4
Methyl Ethyl Ketone (2-Butanone)	<1.47 U
n-Heptane	12.3
n-Hexane	7.3
o-Xylene (1,2-Dimethylbenzene)	6.95
Tert-Butyl Alcohol	2.9
Tetrachloroethene (PCE)	46.4
Toluene	15.8
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	1.66

Location	SV13
Sample Name	SV13_111125
Sample Date	11/10/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	190 D
1,1-Dichloroethane	5.9 D
1,2,4-Trimethylbenzene	<3.1 U
1,3,5-Trimethylbenzene (Mesitylene)	<3.1 U
1,3-Butadiene	<4.2 U
2,2,4-Trimethylpentane	<1.5 U
4-Ethyltoluene	<3.1 U
Acetone	16 JD
Benzene	32 D
Carbon Disulfide	10 D
Chloroform	<3.1 U
Chloromethane	<1.3 U
Cyclohexane	22 D
Dichlorodifluoromethane	<3.1 U
Ethyl Acetate	<110 U
Ethylbenzene	<2.7 U
Isopropanol	<9.3 U
Isopropylbenzene (Cumene)	4.3 D
M,P-Xylene	<5.5 U
Methyl Ethyl Ketone (2-Butanone)	1.9 JD
n-Heptane	<2.6 U
n-Hexane	13 D
o-Xylene (1,2-Dimethylbenzene)	7.4 D
Propylene	65 D
Sec-Butylbenzene	4.5 D
Tetrachloroethene (PCE)	35 D
Toluene	7.8 D
Total Xylenes	7.4 JD
Trichloroethene (TCE)	<0.84 U
Trichlorofluoromethane	4.6 D

Location	SV04
Sample Name	SV04_120424
Sample Date	12/04/2024
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	51.9 J
1,1-Dichloroethane	<0.809 UJ
1,2,4-Trimethylbenzene	6.93 J
1,3,5-Trimethylbenzene (Mesitylene)	1.69 J
1,3-Butadiene	0.5 J
2,2,4-Trimethylpentane	<0.934 UJ
4-Ethyltoluene	2.32 J
Acetone	63.2 J
Benzene	5.4 J
Carbon Disulfide	5.29 J
Chloroform	1.54 J
Chloromethane	<0.413 UJ
Cyclohexane	11.5 J
Dichlorodifluoromethane	2.52 J
Ethanol	<9.42 UJ
Ethyl Acetate	<1.8 UJ
Ethylbenzene	13.3 J
Isopropanol	<2.46 UJ
M,P-Xylene	38.5 J
Methyl Ethyl Ketone (2-Butanone)	10.4 J
n-Heptane	10.7 J
n-Hexane	8.49 J
o-Xylene (1,2-Dimethylbenzene)	11.2 J
Tert-Butyl Alcohol	7.06 J
Tetrachloroethene (PCE)	10 J
Toluene	2,380 J
Trichloroethene (TCE)	26.1 J
Trichlorofluoromethane	1.92 J

Legend

- Approximate Soil Vapor Implant and Sample Location (2025 LSI)
- Approximate Soil Vapor Implant and Soil Vapor Sample Location (2025 RI)
- Approximate Site Boundary

Notes:
1. Aerial imagery provided through Langan's subscription to Near Map dated 07/03/2025.
2. Only detected compounds are shown
3. Concentrations are reported in micrograms per cubic meter (ug/m3)
4. RL - Repcrting limit

Qualifiers:
D - The concentration reported is a result of a diluted sample.
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

40 0 40
SCALE IN FEET

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
368 Ninth Avenue, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
WILLOUGHBY CONVERSION PROJECT
BROOKLYN NEW YORK

Figure Title
SOIL VAPOR SAMPLE ANALYTICAL RESULTS MAP

Project No. 170794301
Date 2/6/2026
Scale 1"=40'
Drawn By MG

Figure No. 9

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APPENDIX A

Proposed Redevelopment Plans



PROJECT NO. 2311

1250 WILLOUGHBY

75% CONSTRUCTION DOCUMENTS

December 8th, 2025

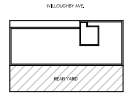


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP3
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GEO DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
90 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
	03/28/2025	100% SCHEMATIC DESIGN
	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

TITLE SHEET

SCALE:

DRAWING #:
T-001.00
of
DOB JOB: B01225073 - I1



SITE PHOTO - D



SITE PHOTO - E



KEY PLAN
1/2" = 1'-0"



SITE PHOTO - C



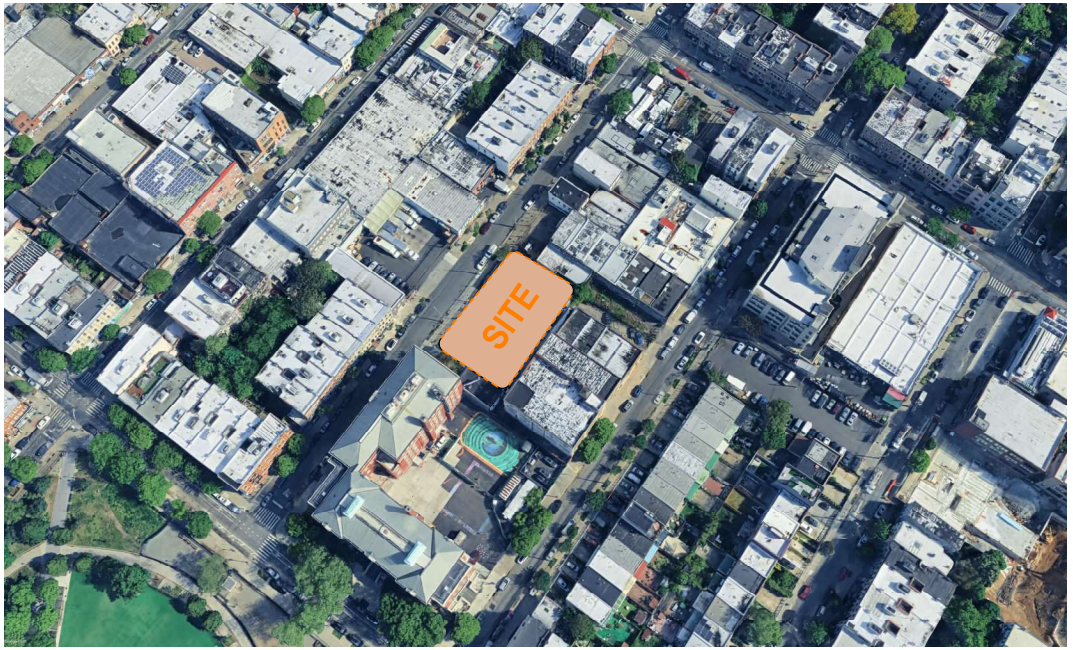
SITE PHOTO - F



SITE PHOTO - B



SITE PHOTO - A



AERIAL VIEW

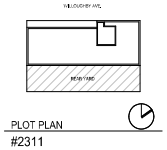


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	07/11/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311

1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

AERIAL VIEW & SITE PHOTOS

SCALE: AS NOTED

DRAWING #:
G-001.00
of
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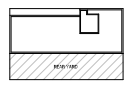


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	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

SITE SURVEY

SCALE:

DRAWING #:
G-002.00
of
DOB JOB: B01225073 - I1

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MARVEL ARCHITECTS, LANDSCAPE ARCHITECTS, URBAN DESIGNERS, PLLC

SURVEY NO. 67803

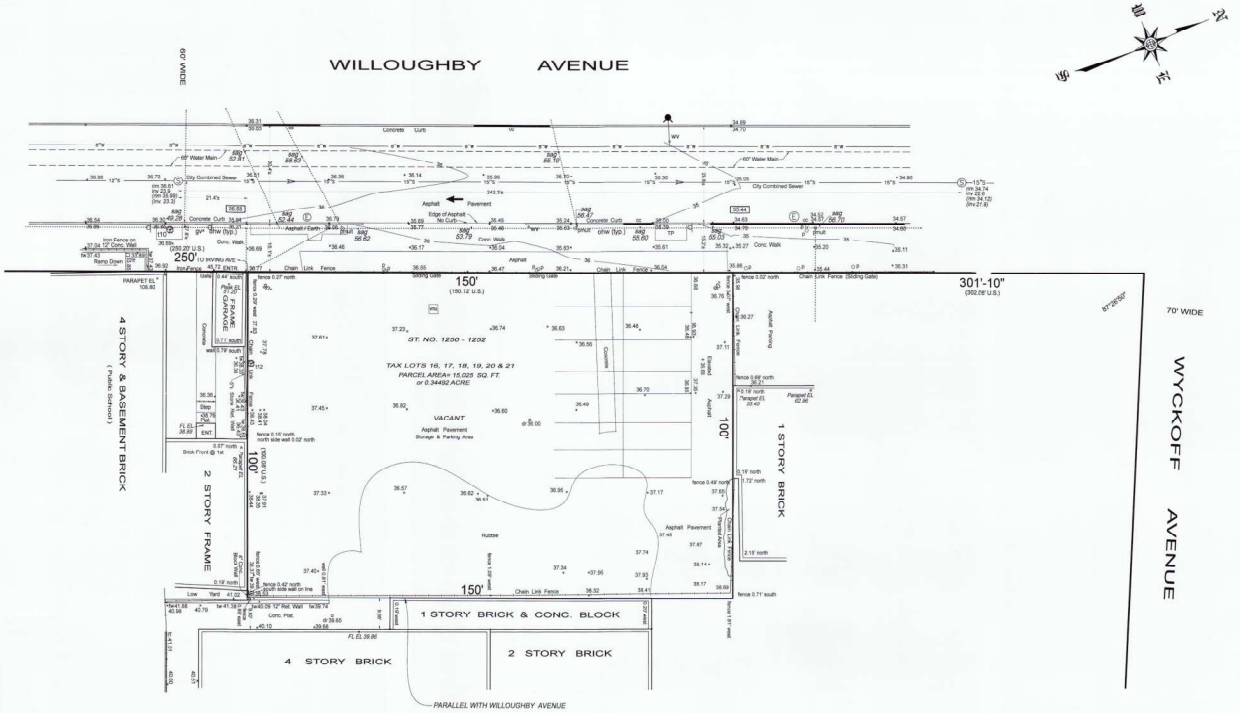
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LEGEND

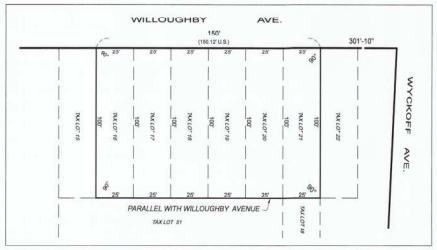
ASPH.....ASPHALT
BK.....BRICK
BSMT.....BASEMENT
CC.....CURB CUT
CCR.....CONCRETE CURB ROUND
CD.....CELLAR DOOR
CLF.....CHAIN LINK FENCE
CONC.....CONCRETE
CWF.....CROWN ROPE FENCE
CWA.....CELLAR WINDOW AREA
DR.....DRAIN
EL.....ELEVATION
FAB.....FIRE ALARM BOX
FC.....FILL CAP
FL EL.....FLOOR ELEVATION
GP.....GUARD POLE
GV.....GAS VALVE
IF.....IRON FENCE
INL.....CATCH BASIN INLET ELEVATION
INV.....SEWER INVERT ELEVATION
LIGHT.....LIGHT
MB.....MAIL BOX
MHU.....UNKNOWN MANHOLE
OF.....OIL FILL
OHW.....OVERHEAD WIRES
P.....POLE
PAVT.....PAVEMENT
PM.....PARKING METER
PMULT.....POLE, MULTIPLE USAGE
17.0.....ESTABLISHED/LEGAL GRADE
PR.....PEDESTRIAN RAMP
HEDGE
14 MT...TREE WITH MULTIPLE TRUNK
TRAFFIC FLOW
HANDICAP
RET.....RETAINING
RIM.....RIM ELEVATION SEWER MANHOLE
SFCR...STEEL FACED CURB ROUND
SM.....SUBWAY MANHOLE
STY.....STORY
TB.....TOP OF BANK ELEVATION
TL.....TRAFFIC LIGHT
TRB.....TRAFFIC CONTROL BOX
TEL.....TELEPHONE
TP.....TREE PIT
TRAFFIC SIGN
TW.....ELEVATION AT TOP OF WALL
TC.....ELEVATION AT TOP OF CURB
UP.....UTILITY POLE
VU.....VALVE UNKNOWN
VUTU...VAULT UNKNOWN
VP.....VENT PIPE
WM.....WATER MAIN
12"G.....GAS MAIN WITH SIZE
12"S.....SEWER MAIN WITH SIZE
12"W.....WATER MAIN WITH SIZE
CATCH BASIN
ELECTRIC MANHOLE / VAULT
FIRE MANHOLE
GAS MANHOLE
SEWER MANHOLE
TELEPHONE MANHOLE
WATER MANHOLE
TRAFFIC VAULT
HYDRANT
SIAMESE / SPRINKLER
STAND PIPE
TREE WITH SIZE
BUSH
(mm) 6.09 - ELEVATIONS IN (inv.) 2.7 BROOKLYN SEWER DATUM

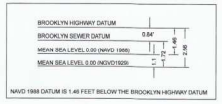
GENERAL NOTES

1 ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM.
2 ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB. IF ELEVATIONS CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING IMPROVEMENTS.
3 SIZES AND LOCATIONS OF WATER MAINS SHOWN HEREON AS SUPPLIED BY THE DEPARTMENT OF WATER SUPPLY, BOROUGH OF BROOKLYN.
4 NOTATIONS RE WATER SERVICES, HYDRANTS AND WATER VALVES ARE NOT NECESSARILY FIELD VERIFIED.
5 SIZES AND TYPES OF SEWERS SHOWN HEREON AS OBTAINED FROM THE CONSTRUCTION OF SEWERS DEPARTMENT RECORDS. SEWER MANHOLE RIM AND INVERT ELEVATIONS SHOWN HEREON OBTAINED BY FIELD MEASUREMENTS UNLESS INDICATED (*) WHICH DENOTES INVERT PROJECTIONS. MANHOLES NOT FOUND IN FIELD, INFORMATION SHOWN IN THIS MANNER IS AS OBTAINED FROM THE BOROUGH OF BROOKLYN CONSTRUCTION OF SEWERS DEPARTMENT RECORDS.
6 LOCATIONS OF ALL UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE ONLY. THE INFORMATION GIVEN ON THE SURVEY PERTAINING TO UTILITIES AND SUBSTRUCTURES IS NOT OFFERED AS TO ACCURACY OR COMPLETENESS. CONSULT WITH THE APPROPRIATE COMPANY OR AGENCY BEFORE DESIGNING IMPROVEMENTS.
7 THE NEW YORK CITY ONE CALL CENTER (DIGGERS HOTLINE) MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION IN ACCORDANCE WITH INDUSTRIAL CODE RULE 753.
7 NO EVIDENCE OF EXISTING STREAMS, CREEKS, DITCHES OR WATER COURSES ON/OR CROSSING PROPERTY SURVEYED.
8 NOT ALL SUBSURFACE INFORMATION PLOTTED.



DESCRIPTION DETAIL NOT TO SCALE







FLOOD HAZARD NOTE

THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING)
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 3604970226 F
EFFECTIVE DATE SEPTEMBER 5, 2007

ESTABLISHED 1876 * SUCCESSOR TO:
B.G. MONKHOUSE C.E.*C.U. POWELL C.E.,C.S.*L.C.I. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*C. WEBER L.S.,C.S.*C. STODLIN R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

REV.	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	07-31-24	ARCHITECTURAL SURVEY	
A	10-29-24	ARCHITECTURAL SURVEY UPDATED	
B	———	SEWER SIZE REVISED	

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

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

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

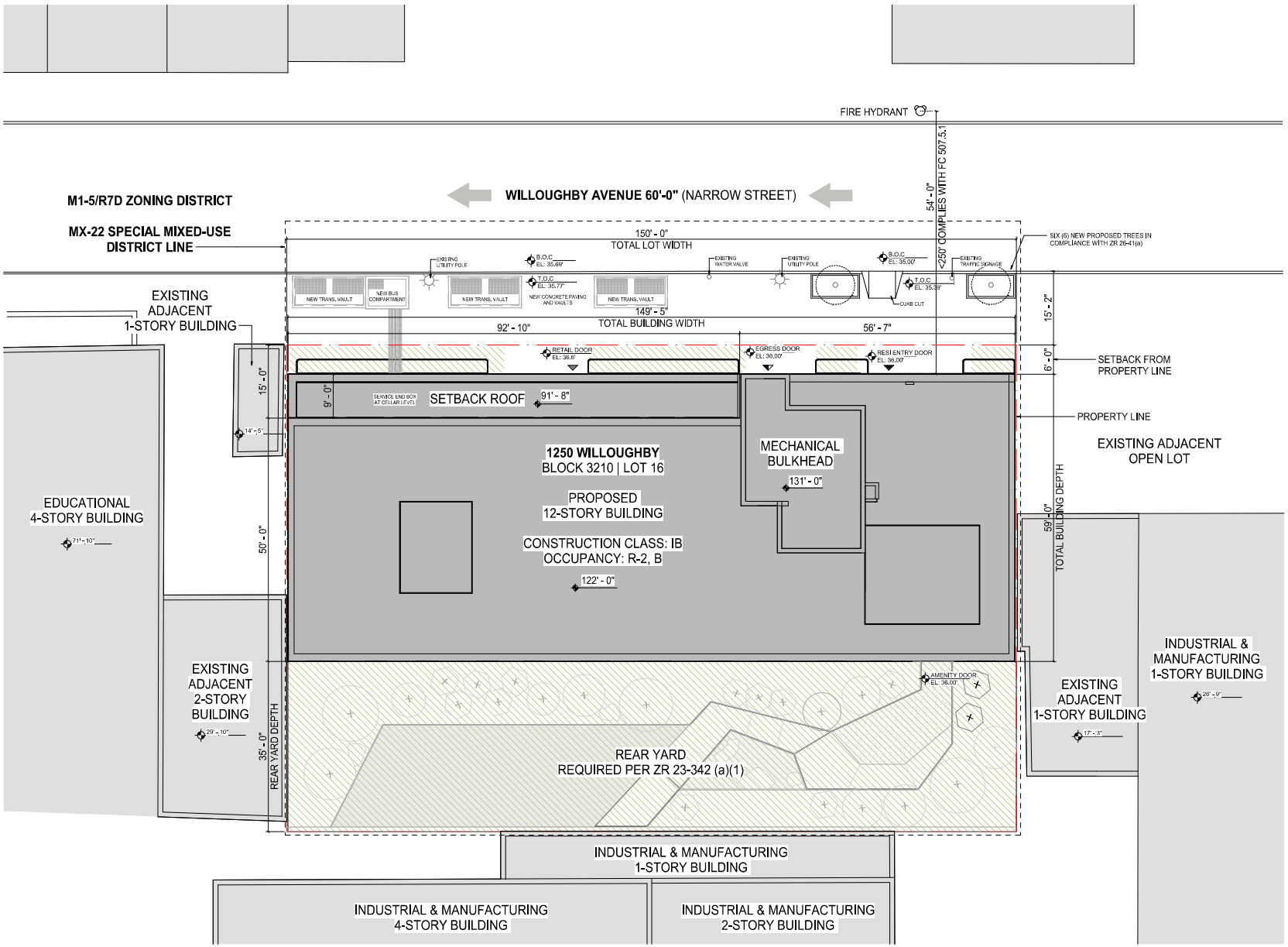
MONTROSE
SURVEYING CO., LLP.
CITY & LAND SURVEYORS
116 20 METROPOLITAN AVE. * RICHMOND HILL NY 11418-1090 * (718) 849-0600
WWW.MONTROSESURVEYING.COM Email: info@montrosesurveying.com

STATE OF NEW YORK
LICENSED LAND SURVEYOR

CITY OF NEW YORK
COUNTY OF KINGS
TAX BLOCK 3210
TAX LOTS 16, 17, 18, 19, 20 & 21
SCALE: 1" = 16'

DRAWN: GP/J.R.

NOTE: DRAWING HAS BEEN INCORPORATED FOR REFERENCE ONLY.



1 SITE PLAN
1/8" = 1'-0"

LEGEND

GENERAL
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPERTY LINE
- ZONING DISTRICT BOUNDARY

SITE PLAN
- RETAIL ENTRANCE
- RESIDENTIAL EGRESS
- RESIDENTIAL ENTRANCE
- FIRE HYDRANT (EXISTING)
- DIRECTION OF TRAFFIC
- PROPOSED REAR YARD

BUILDING HEIGHTS
- ELEVATION MEASURED FROM WILLOUGHBY AVE CALCULATED BASE PLANE
- ELEVATION MEASURED FROM NAVD88 DATUM

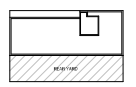


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145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+K BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
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ACOUSTICAL
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BRIGHT POWER
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LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
	03/28/2025	100% SCHEMATIC DESIGN
	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

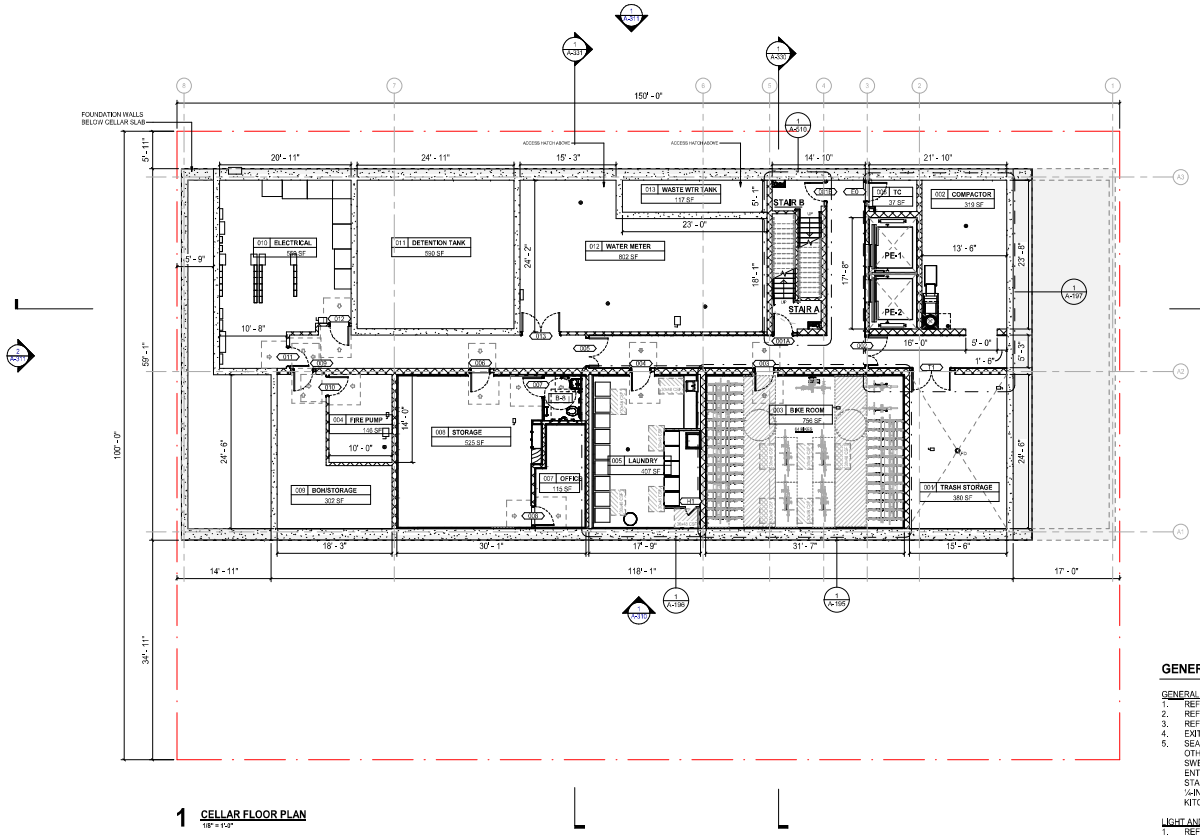
1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

SITE PLAN

SCALE: As indicated

DRAWING #:
A-000.00
of
DOB JOB: B01225073 - I1

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1 CELLAR FLOOR PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

LIGHT AND AIR:
1. REFER TO SHEET G-080 FOR MINIMUM REQUIRED NATURAL LIGHT AND AIR CALCULATIONS FOR HABITABLE SPACES.

ACCESSIBILITY:
1. REFER TO SHEETS A-150 THROUGH A-196 FOR ENLARGED PLANS SHOWING ADA COMPLIANCE

PARTITIONS:
1. REFER TO A-400 FOR EXTERIOR WALL TYPES.
2. REFER TO A-020 THROUGH A-022 FOR WALL TYPES.
3. REFER TO A-120 THROUGH A-126 FOR WALL TAGS (ENLARGED PLANS)

DOORS:
1. DOOR TAGS LOCATED ON A-100 SERIES (ENLARGED PLANS A-120 THROUGH A-127)
2. REFER TO A-050 AND A-051 FOR DOOR SCHEDULE, TYPES AND DETAILS
3. ALL DOORS WITHIN EGRESS STAIRS AND CORRIDORS OR IN EGRESS PATH TO BE 2-HR RATED SELF-CLOSING DOORS (90 MINUTE DOORS).
3. DOORS IN TRASH STORAGE/COMPACTOR ROOM TO BE 1 1/2-HR RATED (1 RCNY CH. 24)
4. LOCATE THE HINGE SIDE OF ALL DOORS 4" FROM F.O. NEIGHBORING WALL, U.O.N.
5. CLOSET DOORS TO BE CENTERED ON LENGTH OF CLOSET, U.O.N.

WINDOWS/STOREFRONT SYSTEMS:
1. WINDOW TAGS LOCATED ON A-120 & A-300 SERIES
2. REFER TO A-070 FOR WINDOW SCHEDULE AND TYPES
3. REFER TO A-070 FOR COMPLIANCE WITH BIRD FRIENDLY MATERIALS (BC 1403.8)

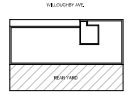


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DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

FLOOR PLAN - CELLAR

SCALE: As indicated

DRAWING #:
A-100.00
of
DOB JOB: B01225073 - I1

LIGHT & AIR REQUIREMENTS - LEVEL 01

UNIT NUMBER	ROOM NAME	ROOM AREA	WINDOW TYPE	REQUIRED LIGHT	TOTAL GLAZED AREA	LIGHT %	LIGHT COMPLIES	COMBINED LIGHT AREA	COMBINED LIGHT %	COMBINED LIGHT COMPLIES	REQUIRED AIR	TOTAL OPERABLE AREA	AIR %	AIR COMPLIES
LEVEL 01														
101	BR	129 SF	A2.1	13 SF	17 SF	13.16%	Yes				6 SF	20 SF	15.48%	Yes
101	BR2	123 SF	A2.1	12 SF	17 SF	13.78%	Yes				6 SF	20 SF	16.21%	Yes
101	LR/DA	186 SF	A1.2	19 SF	24 SF	12.90%	Yes				9 SF	19 SF	10.21%	Yes
102	BR	126 SF	A2.1	13 SF	17 SF	13.54%	Yes				6 SF	20 SF	15.93%	Yes
102	LR/DA	175 SF	A1.2	17 SF	24 SF	13.75%	Yes				9 SF	19 SF	10.88%	Yes
103	LR/SA/DA	242 SF	A2.1	24 SF	17 SF	7.04%	-	34 SF	14.07%	Yes	12 SF	20 SF	8.28%	Yes
103	LR/SA/DA	242 SF	A2.1	24 SF	17 SF	7.04%	-	34 SF	14.07%	Yes	12 SF	20 SF	8.28%	Yes
104	BR	108 SF	A2.1	11 SF	17 SF	16.04%	Yes				5 SF	20 SF	19.07%	Yes
104	BR2	133 SF	A2.1	13 SF	17 SF	12.80%	Yes				7 SF	20 SF	15.06%	Yes
104	LR/DA	176 SF	A1.2	18 SF	24 SF	13.60%	Yes				9 SF	19 SF	10.77%	Yes

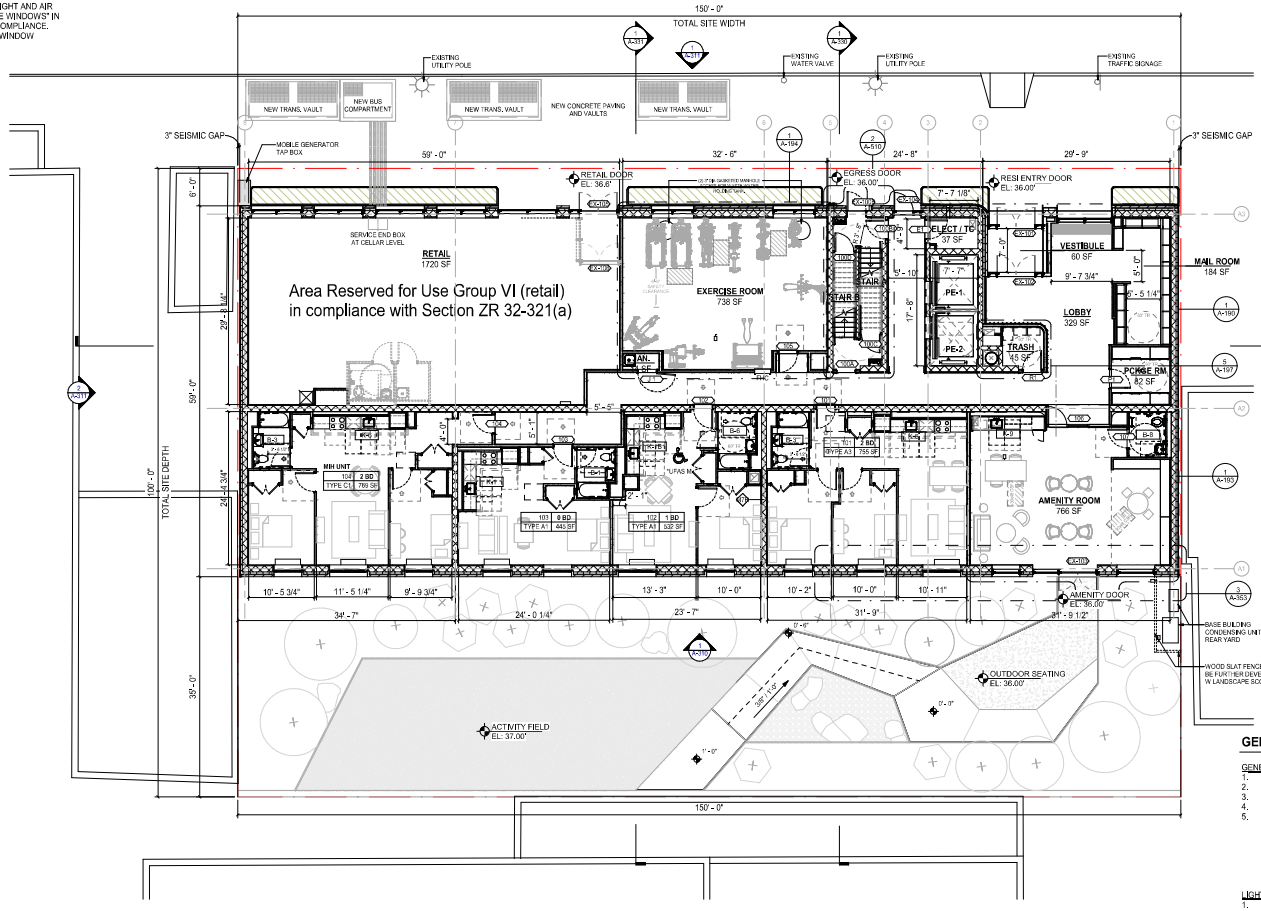
*SEE NOTE #3

REQUIREMENTS:

AIR % MIN.: 5% (1203.5.1.2.1 NYC BC 2022)
LIGHT % MIN.: 10% (1205.2.1 NYC BC 2022)

GENERAL NOTES:

1. VENTILATION REQUIREMENTS COMPLIANT WITH NYC BC 1203.5.1.2.1
2. NATURAL LIGHT REQUIREMENTS COMPLIANT WITH NYC BC 1205.2.1
3. SOME INDIVIDUAL WINDOWS IN UNITS DO NOT MEET LIGHT AND AIR COMPLIANCE ALONE, BUT "TWO WINDOWS" OR "THREE WINDOWS" IN A ROOM ARE COMBINED TO ACHIEVE LIGHT AND AIR COMPLIANCE.
4. SEE SHEET A-070, WINDOW TYPES & SCHEDULE, FOR WINDOW ELEVATIONS, DIMENSIONS AND CHARACTERISTICS.



1 GROUND FLOOR PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

LIGHT AND AIR:
1. REFER TO SHEET G-080 FOR MINIMUM REQUIRED NATURAL LIGHT AND AIR CALCULATIONS FOR HABITABLE SPACES.

ACCESSIBILITY:
1. REFER TO SHEETS A-150 THROUGH A-196 FOR ENLARGED PLANS SHOWING ADA COMPLIANCE

PARTITIONS:
1. REFER TO A-400 FOR EXTERIOR WALL TYPES.
2. REFER TO A-020 THROUGH A-022 FOR WALL TYPES.
3. REFER TO A-120 THROUGH A-126 FOR WALL TAGS (ENLARGED PLANS)

DOORS:
1. DOOR TAGS LOCATED ON A-100 SERIES (ENLARGED PLANS A-120 THROUGH A-127)
2. REFER TO A-050 AND A-051 FOR DOOR SCHEDULE, TYPES AND DETAILS
3. ALL DOORS WITHIN EGRESS STAIRS AND CORRIDORS OR IN EGRESS PATH TO BE 2-HR RATED SELF-CLOSING DOORS (90 MINUTE DOORS).
3. DOORS IN TRASH STORAGE/COMPACTOR ROOM TO BE 1 1/2-HR RATED (1 RCNY CH. 24)
4. LOCATE THE HINGE SIDE OF ALL DOORS 4" FROM F.O. NEIGHBORING WALL, U.O.N.
5. CLOSET DOORS TO BE CENTERED ON LENGTH OF CLOSET, U.O.N.

WINDOWS/STOREFRONT SYSTEMS:
1. WINDOW TAGS LOCATED ON A-120 & A-300 SERIES
2. REFER TO A-070 FOR WINDOW SCHEDULE AND TYPES
3. REFER TO A-070 FOR COMPLIANCE WITH BIRD FRIENDLY MATERIALS (BC 1403.8)

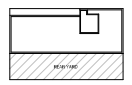


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.696.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GED DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGMAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
	03/28/2025	100% SCHEMATIC DESIGN
	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

FLOOR PLAN - GROUND

SCALE: As indicated

DRAWING #:
A-101.00
of
DOB JOB: B01225073 - I1

12/8/2025 8:36:56 PM MARVEL ARCHITECTS, LANDSCAPE ARCHITECTS, URBAN DESIGNERS, PLLC

LIGHT & AIR REQUIREMENTS - LEVEL 02-09

UNIT NUMBER	ROOM NAME	ROOM AREA	WINDOW TYPE	REQUIRED LIGHT	TOTAL GLAZED AREA	LIGHT %	LIGHT COMPLIES	COMBINED LIGHT AREA	COMBINED LIGHT %	COMBINED LIGHT COMPLIES	REQUIRED AIR	TOTAL OPERABLE AREA	AIR %	AIR COMPLIES
LEVEL 02														
201	BR	119 SF	A2	12 SF	17 SF	14.34%	Yes				6 SF	20 SF	16.81%	Yes
201	BR2	144 SF	A2	14 SF	17 SF	11.78%	Yes				7 SF	20 SF	13.86%	Yes
201	LR/DA	297 SF	A1	33 SF	24 SF	8.09%	No	58 SF	19.56%	Yes	15 SF	19 SF	6.41%	Yes
202	BR	132 SF	A2	13 SF	17 SF	12.90%	Yes				7 SF	20 SF	15.16%	Yes
202	LR/DA	161 SF	A1	18 SF	24 SF	14.93%	Yes				9 SF	19 SF	11.80%	Yes
203	BR	131 SF	A2	13 SF	17 SF	12.83%	Yes				7 SF	20 SF	15.22%	Yes
203	LR/DA	158 SF	A1	18 SF	24 SF	15.17%	Yes				9 SF	19 SF	12.01%	Yes
204	BR	132 SF	A2	13 SF	17 SF	12.92%	Yes				7 SF	20 SF	15.25%	Yes
204	LR/DA	156 SF	A1	18 SF	24 SF	15.11%	Yes				8 SF	19 SF	11.97%	Yes
205	LR/SA/DA	199 SF	A3	20 SF	39 SF	19.60%	Yes				10 SF	16 SF	8.04%	Yes
206	BR	143 SF	A2	14 SF	17 SF	11.89%	Yes				7 SF	20 SF	13.99%	Yes
206	BR2	133 SF	A2	13 SF	17 SF	12.81%	Yes				7 SF	20 SF	15.07%	Yes
206	LR/DA	228 SF	A1	23 SF	24 SF	10.23%	Yes				11 SF	19 SF	8.33%	Yes
207	BR	148 SF	A2	15 SF	17 SF	11.45%	Yes				7 SF	20 SF	13.47%	Yes
207	BR2	132 SF	A2	13 SF	17 SF	12.90%	Yes				7 SF	20 SF	15.17%	Yes
207	LR/DA	236 SF	A1	24 SF	24 SF	10.18%	Yes				12 SF	19 SF	8.06%	Yes
208	BR	154 SF	A2	15 SF	17 SF	11.04%	Yes				8 SF	20 SF	12.99%	Yes
208	BR2	110 SF	A2	11 SF	17 SF	15.47%	Yes				5 SF	20 SF	18.20%	Yes
208	BR3	110 SF	A2	11 SF	17 SF	15.47%	Yes				5 SF	20 SF	18.20%	Yes
208	LR/DA	204 SF	A1	20 SF	24 SF	11.77%	Yes				10 SF	19 SF	9.31%	Yes
209	BR	123 SF	A2	12 SF	17 SF	13.87%	Yes				6 SF	20 SF	16.31%	Yes
209	LR/DA	209 SF	A1	21 SF	24 SF	11.48%	Yes				10 SF	19 SF	9.09%	Yes
210	LR/SA/DA	200 SF	A3	20 SF	39 SF	19.53%	Yes				10 SF	16 SF	8.01%	Yes
211	LR/SA/DA	200 SF	A3	20 SF	39 SF	19.49%	Yes				10 SF	16 SF	7.99%	Yes

*SEE NOTE #3

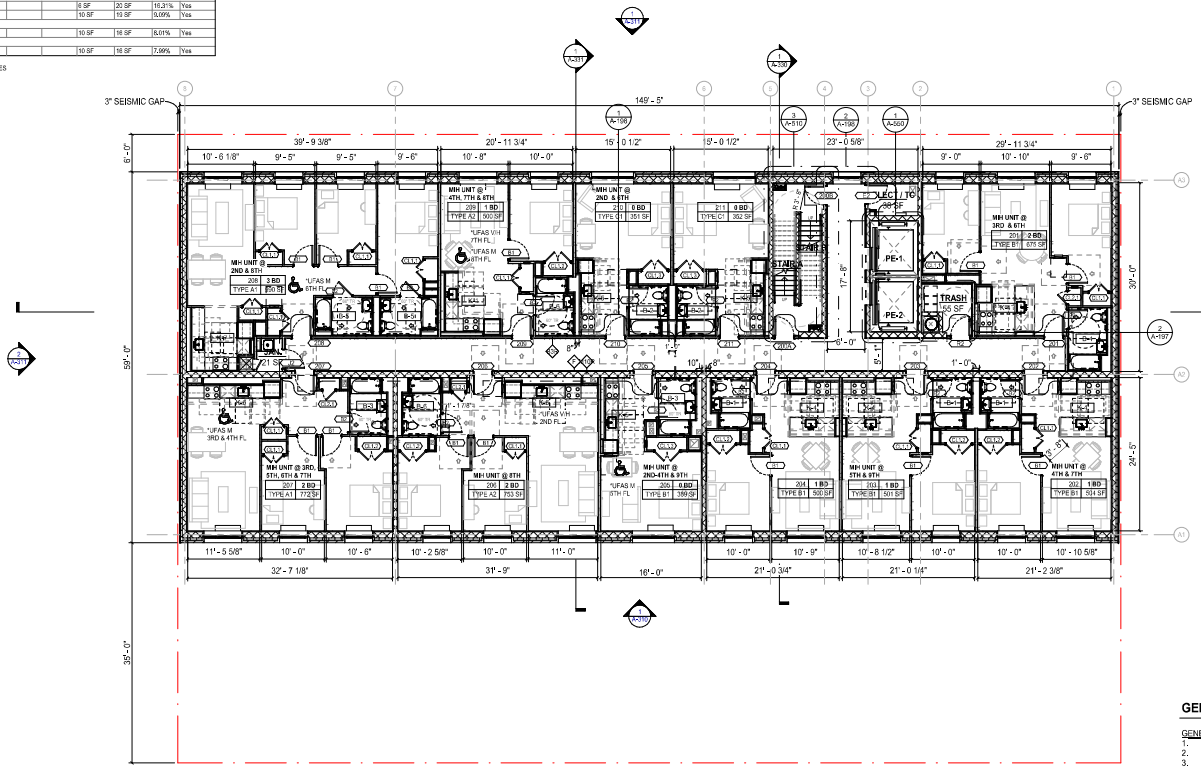
GENERAL NOTE: UNITS LABELED FOR SECOND FLOOR. FOR FLOORS 3-9, LEADING NUMBER CHANGES TO CORRESPONDING FLOOR. IE UNIT "210" WOULD BE "310" ON THIRD FLOOR.

REQUIREMENTS:

AIR % MIN.: 5% (1203.5.1.2.1 NYC BC 2022)
LIGHT % MIN.: 10% (1205.2.1 NYC BC 2022)

GENERAL NOTES:

1. VENTILATION REQUIREMENTS COMPLIANT WITH NYC BC 1203.5.1.2.1
2. NATURAL LIGHT REQUIREMENTS COMPLIANT WITH NYC BC 1205.2.1
3. SOME INDIVIDUAL WINDOWS IN UNITS DO NOT MEET LIGHT AND AIR COMPLIANCE ALONE, BUT "TWO WINDOWS" OR "THREE WINDOWS" IN A ROOM ARE COMBINED TO ACHIEVE LIGHT AND AIR COMPLIANCE.
4. SEE SHEET A-070, WINDOW TYPES & SCHEDULE, FOR WINDOW ELEVATIONS, DIMENSIONS AND CHARACTERISTICS.



1 2ND - 9TH FLOOR PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

LIGHT AND AIR:
1. REFER TO SHEET G-080 FOR MINIMUM REQUIRED NATURAL LIGHT AND AIR CALCULATIONS FOR HABITABLE SPACES.

ACCESSIBILITY:
1. REFER TO SHEETS A-150 THROUGH A-196 FOR ENLARGED PLANS SHOWING ADA COMPLIANCE

PARTITIONS:
1. REFER TO A-400 FOR EXTERIOR WALL TYPES.
2. REFER TO A-020 THROUGH A-022 FOR WALL TYPES.
3. REFER TO A-120 THROUGH A-126 FOR WALL TAGS (ENLARGED PLANS)

DOORS:
1. DOOR TAGS LOCATED ON A-100 SERIES (ENLARGED PLANS A-120 THROUGH A-127)
2. REFER TO A-050 AND A-051 FOR DOOR SCHEDULE, TYPES AND DETAILS
3. ALL DOORS WITHIN EGRESS STAIRS AND CORRIDORS OR IN EGRESS PATH TO BE 2-HR RATED SELF-CLOSING DOORS (90 MINUTE DOORS).
3. DOORS IN TRASH STORAGE/COMPACTOR ROOM TO BE 1 1/2-HR RATED (1 RCNY CH. 24)
4. LOCATE THE HINGE SIDE OF ALL DOORS 4" FROM F.O. NEIGHBORING WALL, U.O.N.
5. CLOSET DOORS TO BE CENTERED ON LENGTH OF CLOSET, U.O.N.

WINDOWS/STOREFRONT SYSTEMS:
1. WINDOW TAGS LOCATED ON A-120 & A-300 SERIES
2. REFER TO A-070 FOR WINDOW SCHEDULE AND TYPES
3. REFER TO A-070 FOR COMPLIANCE WITH BIRD FRIENDLY MATERIALS (BC 1403.8)

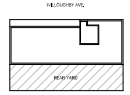


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
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GEOTECHNICAL ENGINEER
GEO DESIGN
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LONGVAN LINDSEY
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SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
	03/28/2025	100% SCHEMATIC DESIGN
	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

FLOOR PLAN - TYPICAL (2ND - 9TH)

SCALE: As indicated

DRAWING #:
A-102.00
of
DOB JOB: B01225073 - I1

12/8/2025 8:31:00 PM MARVEL ARCHITECTS, LANDSCAPE ARCHITECTS, URBAN DESIGNERS, PLLC

LIGHT & AIR REQUIREMENTS - LEVEL 10-12

UNIT NUMBER	ROOM NAME	ROOM AREA	WINDOW TYPE	REQUIRED LIGHT	TOTAL GLAZED AREA	LIGHT %	LIGHT COMPLIES	COMBINED LIGHT AREA	COMBINED LIGHT %	COMBINED LIGHT COMPLIES	REQUIRED AIR	TOTAL OPERABLE AREA	AIR %	AIR COMPLIES	
LEVEL 10															
1001	BR	122 SF	A2.1	12 SF	17 SF	13.99%	Yes				6 SF	20 SF	16.46%	Yes	
1001	BR2	147 SF	A2.1	15 SF	17 SF	11.63%	Yes				7 SF	20 SF	13.96%	Yes	
1001	LR/DA	300 SF	A1.1	30 SF	24 SF	7.99%	-	58 SF	19.32%	Yes	15 SF	19 SF	6.33%	Yes	*SEE NOTE #3
1002	BR	138 SF	A2.1	14 SF	17 SF	12.28%	Yes				7 SF	20 SF	14.45%	Yes	
1002	LR/DA	164 SF	A1.1	16 SF	24 SF	14.60%	Yes				8 SF	19 SF	11.99%	Yes	
1003	BR	138 SF	A2.1	14 SF	17 SF	12.28%	Yes				7 SF	20 SF	14.45%	Yes	
1003	LR/DA	162 SF	A1.1	16 SF	24 SF	14.84%	Yes				8 SF	19 SF	11.75%	Yes	
1004	BR	138 SF	A2.1	14 SF	17 SF	12.29%	Yes				7 SF	20 SF	14.46%	Yes	
1004	LR/DA	162 SF	A1.1	16 SF	24 SF	14.78%	Yes				8 SF	19 SF	11.70%	Yes	
1005	LR/BA/DA	205 SF	A3.1	20 SF	39 SF	19.07%	Yes				10 SF	16 SF	7.80%	Yes	
1006	BR	149 SF	A2.1	15 SF	17 SF	11.45%	Yes				7 SF	20 SF	13.47%	Yes	
1006	BR2	142 SF	A2.1	14 SF	17 SF	11.94%	Yes				7 SF	20 SF	14.04%	Yes	
1006	LR/DA	232 SF	A1.1	23 SF	24 SF	10.26%	Yes				12 SF	19 SF	8.20%	Yes	
1007	BR	153 SF	A2.1	15 SF	17 SF	11.11%	Yes				8 SF	20 SF	13.07%	Yes	
1007	BR2	138 SF	A2.1	14 SF	17 SF	12.30%	Yes				7 SF	20 SF	14.47%	Yes	
1007	LR/DA	240 SF	A1.1	24 SF	24 SF	10.02%	Yes				12 SF	19 SF	7.93%	Yes	
1008	LR/BA/DA	257 SF	A1.1	26 SF	24 SF	9.35%	-	57 SF	22.33%	Yes	13 SF	19 SF	7.40%	Yes	*SEE NOTE #3
1009	BR	117 SF	A2.1	12 SF	17 SF	14.66%	Yes				6 SF	20 SF	17.11%	Yes	
1010	BR	137 SF	A2.1	14 SF	17 SF	12.44%	Yes				7 SF	20 SF	14.64%	Yes	
1010	LR/DA	224 SF	A2.1	22 SF	17 SF	7.59%	-	57 SF	25.42%	Yes	11 SF	20 SF	8.92%	Yes	*SEE NOTE #3

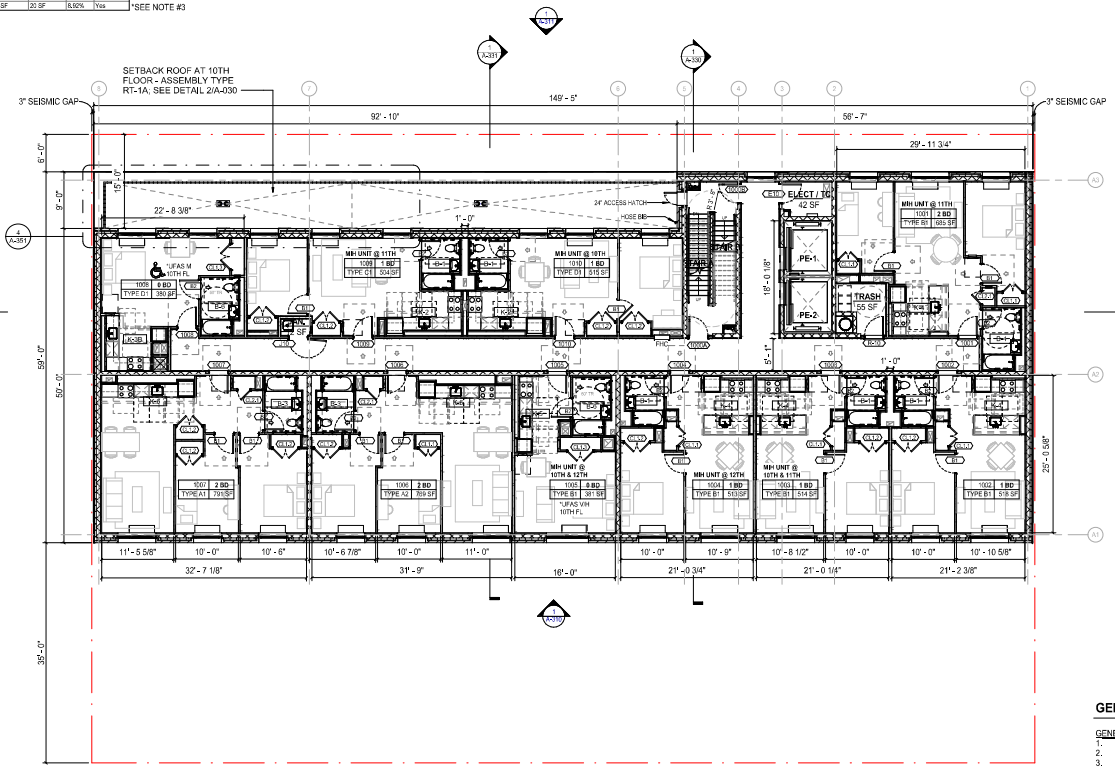
NOTE: UNITS LABELED FOR "TENTH FLOOR: FOR FLOORS 10-11; LEADING NUMBER CHANGES TO CORRESONDING FLOOR, IE UNIT "1010" WOULD BE "1110" ON ELEVENTH FLOOR.

REQUIREMENTS:

AIR % MIN.: 5% (1203.5.1.2.1 NYC BC 2022)
LIGHT % MIN.: 10% (1205.2.1 NYC BC 2022)

GENERAL NOTES:

1. VENTILATION REQUIREMENTS COMPLIANT WITH NYC BC 1203.5.1.2.1
2. NATURAL LIGHT REQUIREMENTS COMPLIANT WITH NYC BC 1205.2.1
3. SOME INDIVIDUAL WINDOWS IN UNITS DO NOT MEET LIGHT AND AIR COMPLIANCE ALONE. BUT "TWO WINDOWS" OR "THREE WINDOWS" IN A ROOM ARE COMBINED TO ACHIEVE LIGHT AND AIR COMPLIANCE.
4. SEE SHEET A-070, WINDOW TYPES & SCHEDULE, FOR WINDOW ELEVATIONS, DIMENSIONS AND CHARACTERISTICS.



1 10TH - 12TH FLOOR PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

LIGHT AND AIR:
1. REFER TO SHEET G-080 FOR MINIMUM REQUIRED NATURAL LIGHT AND AIR CALCULATIONS FOR HABITABLE SPACES.

ACCESSIBILITY:
1. REFER TO SHEETS A-150 THROUGH A-196 FOR ENLARGED PLANS SHOWING ADA COMPLIANCE

PARTITIONS:
1. REFER TO A-400 FOR EXTERIOR WALL TYPES.
2. REFER TO A-020 THROUGH A-022 FOR WALL TYPES.
3. REFER TO A-120 THROUGH A-126 FOR WALL TAGS (ENLARGED PLANS)

DOORS:
1. DOOR TAGS LOCATED ON A-100 SERIES (ENLARGED PLANS A-120 THROUGH A-127)
2. REFER TO A-050 AND A-051 FOR DOOR SCHEDULE, TYPES AND DETAILS
3. ALL DOORS WITHIN EGRESS STAIRS AND CORRIDORS OR IN EGRESS PATH TO BE 2-HR RATED SELF-CLOSING DOORS (90 MINUTE DOORS).
3. DOORS IN TRASH STORAGE/COMPACTOR ROOM TO BE 1 1/2-HR RATED (1 RCNY CH. 24)
4. LOCATE THE HINGE SIDE OF ALL DOORS 4" FROM F.O. NEIGHBORING WALL, U.O.N.
5. CLOSET DOORS TO BE CENTERED ON LENGTH OF CLOSET, U.O.N.

WINDOWS/STOREFRONT SYSTEMS:
1. WINDOW TAGS LOCATED ON A-120 & A-300 SERIES
2. REFER TO A-070 FOR WINDOW SCHEDULE AND TYPES
3. REFER TO A-070 FOR COMPLIANCE WITH BIRD FRIENDLY MATERIALS (BC 1403.8)

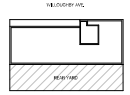


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
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MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
	03/28/2025	100% SCHEMATIC DESIGN
	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

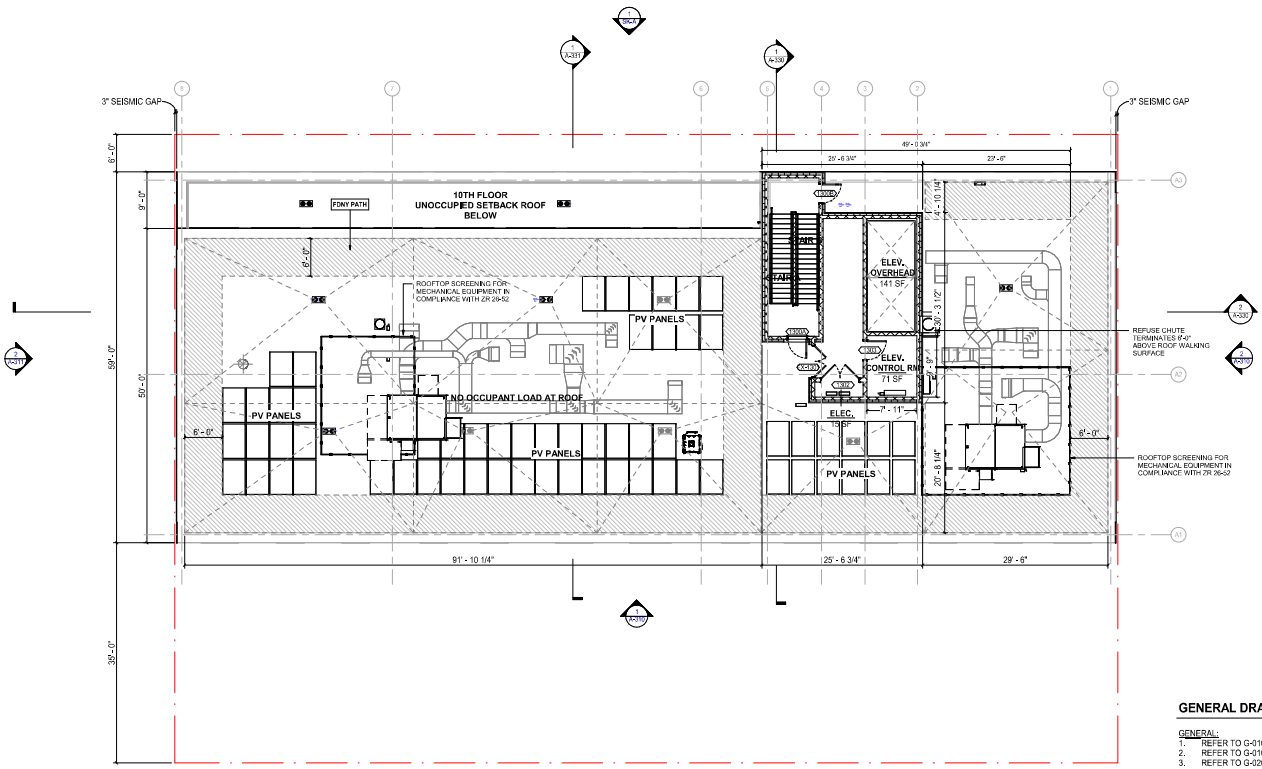
1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

FLOOR PLAN - TYPICAL (10TH - 12TH)

SCALE: As indicated

DRAWING #:
A-110.00
of
DOB JOB: B01225073 - I1

12/8/2025 8:31:36 PM MARVEL ARCHITECTS, LANDSCAPE ARCHITECTS, URBAN DESIGNERS, PLLC



2 ROOF PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

LIGHT AND AIR:
1. REFER TO SHEET G-080 FOR MINIMUM REQUIRED NATURAL LIGHT AND AIR CALCULATIONS FOR HABITABLE SPACES.

ACCESSIBILITY:
1. REFER TO SHEETS A-150 THROUGH A-196 FOR ENLARGED PLANS SHOWING ADA COMPLIANCE

PARTITIONS:
1. REFER TO A-400 FOR EXTERIOR WALL TYPES.
2. REFER TO A-020 THROUGH A-022 FOR WALL TYPES.
3. REFER TO A-120 THROUGH A-126 FOR WALL TAGS (ENLARGED PLANS)

DOORS:
1. DOOR TAGS LOCATED ON A-100 SERIES (ENLARGED PLANS A-120 THROUGH A-127)
2. REFER TO A-050 AND A-051 FOR DOOR SCHEDULE, TYPES AND DETAILS
3. ALL DOORS WITHIN EGRESS STAIRS AND CORRIDORS OR IN EGRESS PATH TO BE 2-HR RATED SELF-CLOSING DOORS (90 MINUTE DOORS).
3. DOORS IN TRASH STORAGE/COMPACTOR ROOM TO BE 1 1/2-HR RATED (1 RCNY CH. 24)
4. LOCATE THE HINGE SIDE OF ALL DOORS 4" FROM F.O. NEIGHBORING WALL, U.O.N.
5. CLOSET DOORS TO BE CENTERED ON LENGTH OF CLOSET, U.O.N.

WINDOWS/STOREFRONT SYSTEMS:
1. WINDOW TAGS LOCATED ON A-120 & A-300 SERIES
2. REFER TO A-070 FOR WINDOW SCHEDULE AND TYPES
3. REFER TO A-070 FOR COMPLIANCE WITH BIRD FRIENDLY MATERIALS (BC 1403.8)

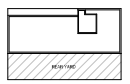


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GEO DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
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	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

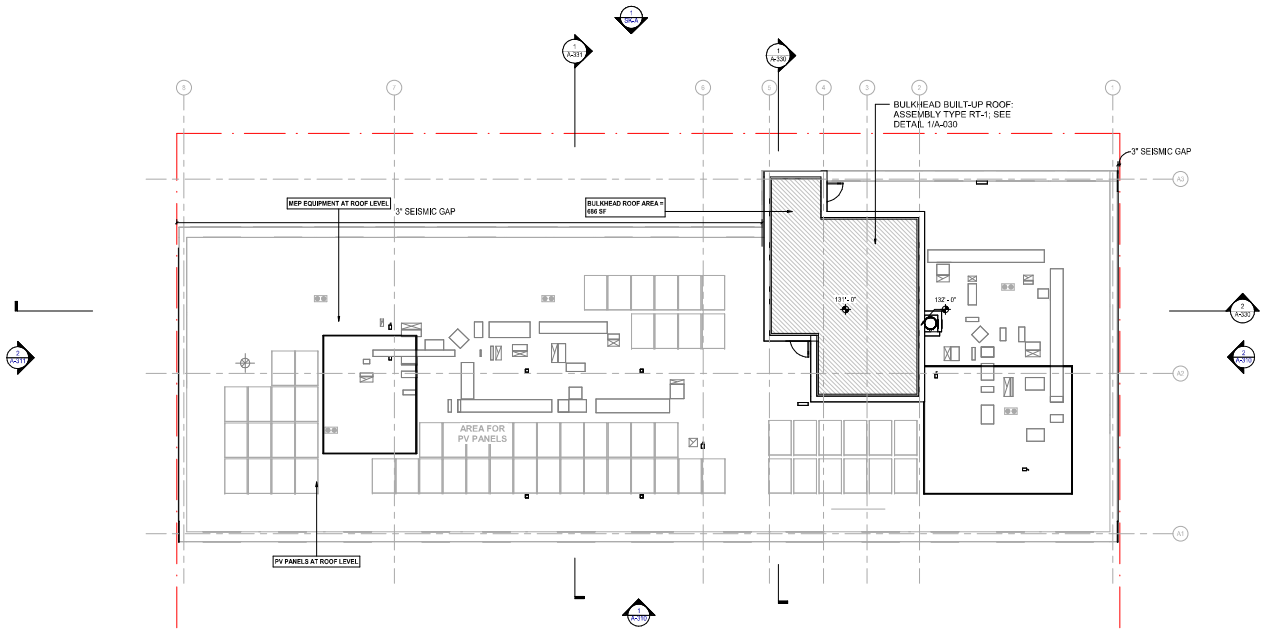
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BROOKLYN, NY 11237

FLOOR PLAN - ROOF

SCALE: As indicated

DRAWING #:
A-113.00
of
DOB JOB: B01225073 - I1

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2 BULKHEAD PLAN
1/8" = 1'-0"

GENERAL DRAWING NOTES

GENERAL:
1. REFER TO G-010 FOR ABBREVIATIONS AND SYMBOLS.
2. REFER TO G-010 FOR GENERAL NOTES.
3. REFER TO G-020 THROUGH G-022 FOR ACCESSIBILITY NOTES.
4. EXIT MARKING TO COMPLY WITH BC403.16 WHERE REQUIRED.
5. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS (WINDOW SCREENS, DOOR SWEEPS, ESCUTCHEON PLATES, ELASTOMERIC SEALANTS) TO PREVENT PEST ENTRY. USE RODENT- AND CORROSION-PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH OR RIGID METAL CLOTH) FOR OPENINGS GREATER THAN ¼-INCH. ALSO PAY CLOSE ATTENTION TO SEALING OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

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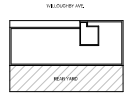


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GEO DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

REV	DATE	DESCRIPTION
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	06/13/2025	50% DESIGN DEVELOPMENT
	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
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1250 WILLOUGHBY

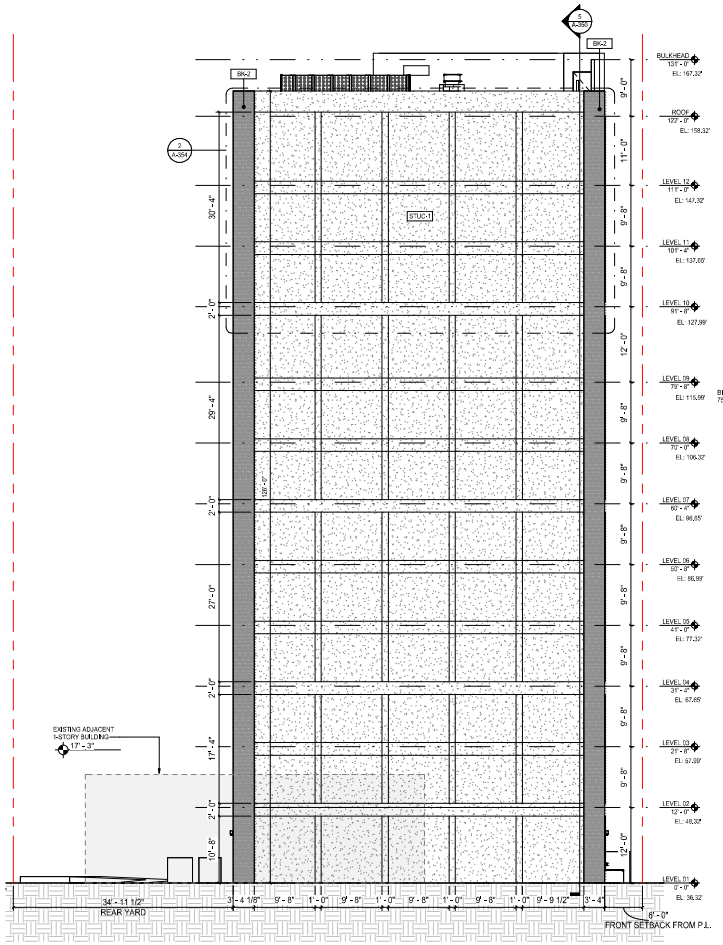
1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

FLOOR PLAN - BULKHEAD

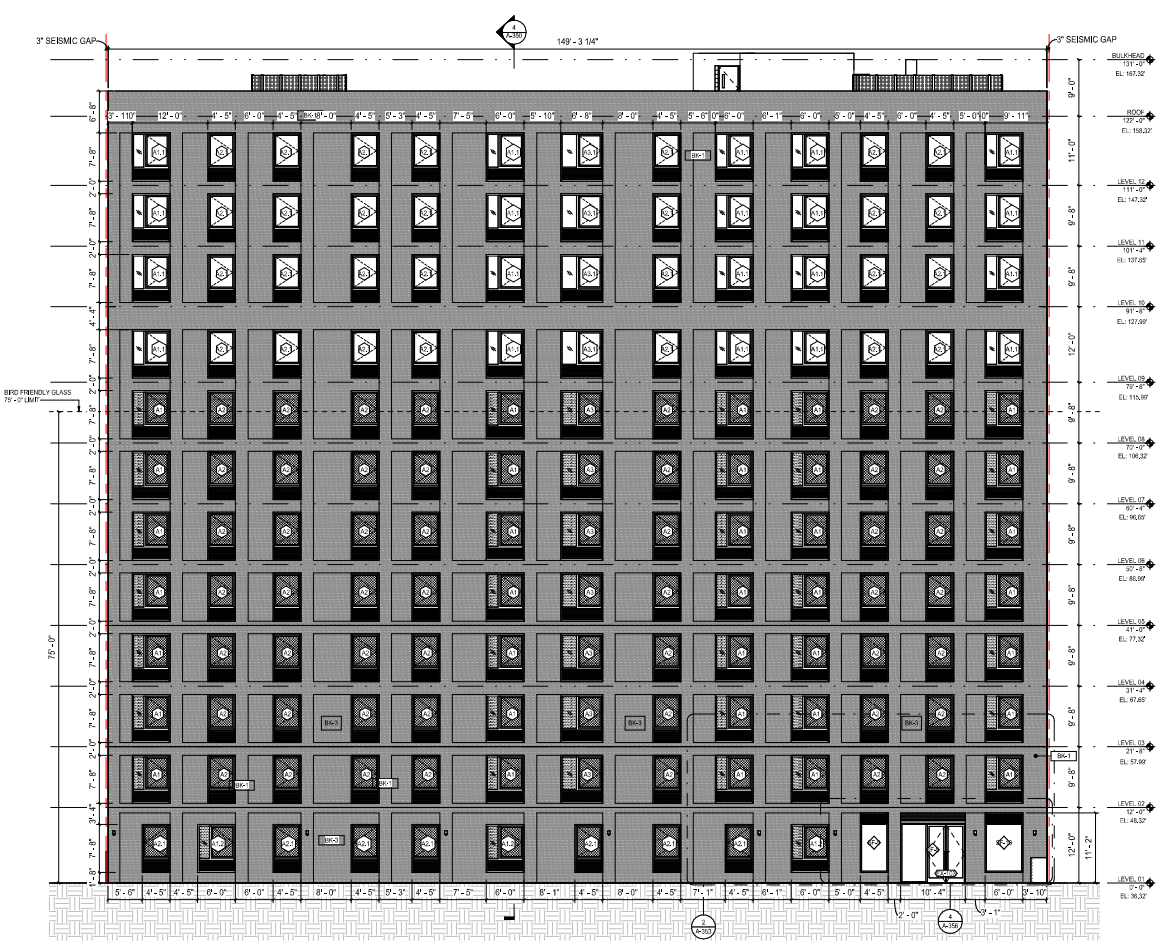
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of
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2 BUILDING ELEVATION - NORTH
1/8" = 1'-0"



1 BUILDING ELEVATION - EAST
1/8" = 1'-0"

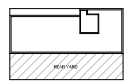


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUPS
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWAIUS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GED DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPIVAL
102 DUANE RD, FORT TOTTEN, NY 11359

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	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
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1250 WILLOUGHBY

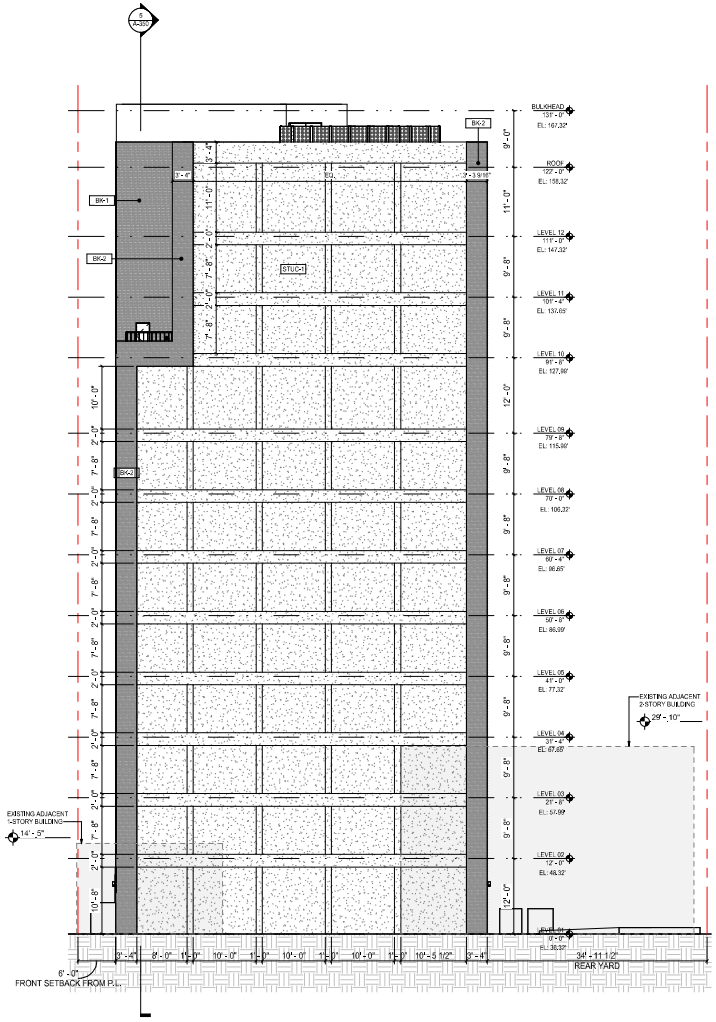
1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

BUILDING ELEVATIONS - EAST & NORTH

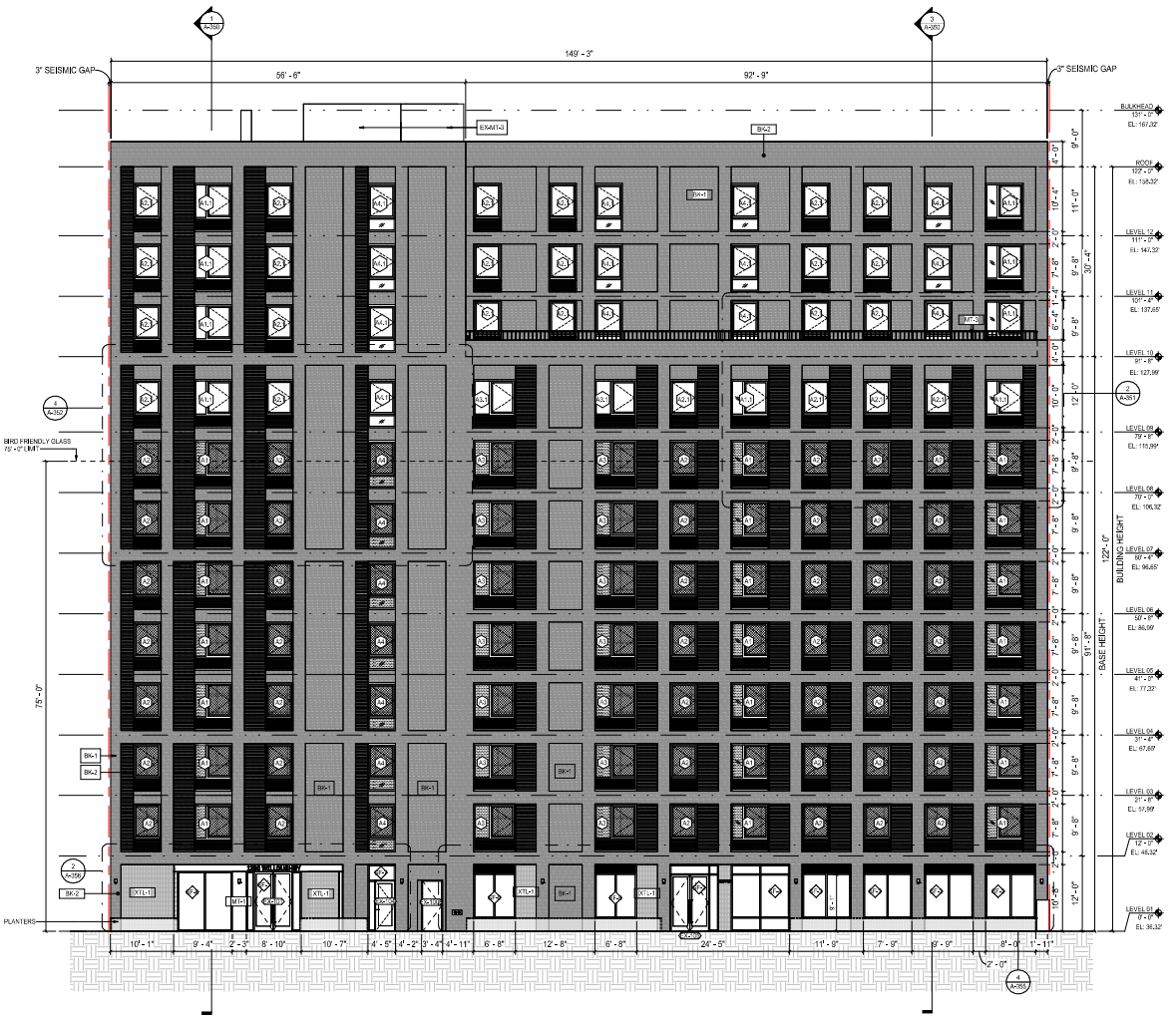
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2 **BUILDING ELEVATION - SOUTH**
1/8" = 1'-0"



1 **BUILDING ELEVATION - WEST**
1/8" = 1'-0"

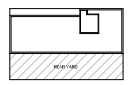


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145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUPS
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
228 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GED DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPINAL
102 DUANE RD, FORT TOTTEN, NY 11359

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	07/17/2025	100% DESIGN DEVELOPMENT
	12/08/2025	75% CONSTRUCTION DOCS

DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

BUILDING ELEVATIONS - WEST & SOUTH

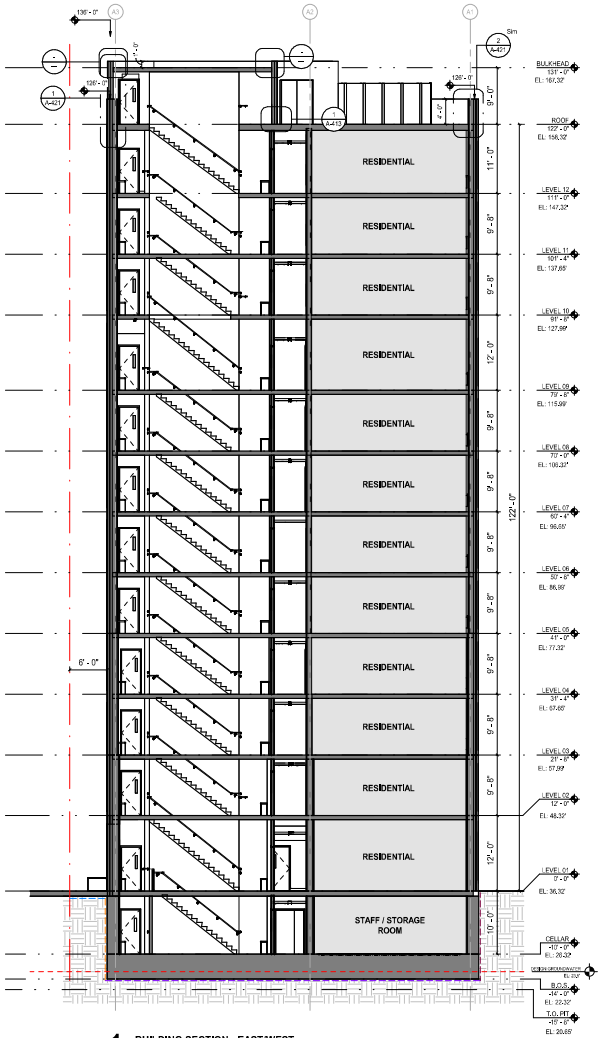
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2 **BUILDING SECTION - NORTH/SOUTH**
1/8" = 1'-0"



1 **BUILDING SECTION - EAST/WEST**
1/8" = 1'-0"

WATERPROOFING LEGEND

- GCP FLORPRUFE 120 (20 MIL VAPOR BARRIER)
- PREPRUFE 300R
- PREPRUFE 160R (BLIND SIDE VERTICAL APPLICATION)
- BITUTHENE (POSITIVE SIDE VERTICAL APPLICATION)
- XYPEX

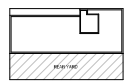


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.616.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP3
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
100 WILLIAM ST, NEW YORK, NY 10038
ENVELOPE
RWALIS
229 W 28TH ST, NEW YORK, NY 10001
GEOTECHNICAL ENGINEER
GEO DESIGN
307 WEST 38TH ST, NEW YORK, NY 10018
ACOUSTICAL
LONGAVAN LINDSEY
200 W 41ST ST, NEW YORK, NY 10001
SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
145 HUDSON ST, NEW YORK, NY 10013
CODE / ZONING
JAM CONSULTANTS
104 WEST 29TH ST, NEW YORK, NY 10001
ACCESSIBILITY
UNITED SPIVAL
102 DUANE RD, FORT TOTTEN, NY 11359

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	12/08/2025	75% CONSTRUCTION DOCS

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PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

BUILDING SECTIONS

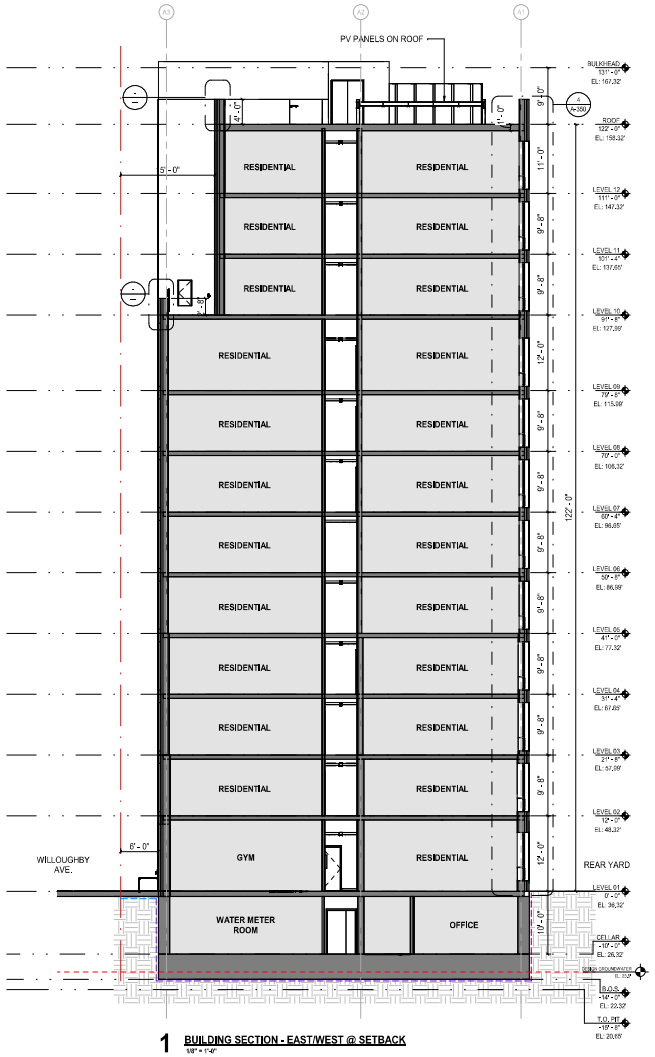
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MARVEL ARCHITECTS, LANDSCAPE ARCHITECTS, URBAN DESIGNERS, PLLC

WATERPROOFING LEGEND

- GCP FLORPRUFE 120 (20 MIL VAPOR BARRIER)
- PREPRUFE 300R
- PREPRUFE 160R (BLIND SIDE VERTICAL APPLICATION)
- BITUTHENE (POSITIVE SIDE VERTICAL APPLICATION)
- XYPEX



1 **BUILDING SECTION - EAST/WEST @ SETBACK**
1/8" = 1'-0"

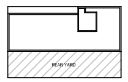


MARVEL
145 HUDSON STREET, FLR.3 NEW YORK, NY 10013
212.696.0420

OWNER
TYPE A PROJECTS
58 READE ST, NEW YORK, NY 10007
CONSTRUCTION MANAGER
L+M BUILDERS GROUP
58 READE ST, NEW YORK, NY 10001
STRUCTURAL ENGINEER
DE NARDIS ENGINEERING
239 CENTRAL AVE, WHITE PLAINS, NY 10606
BUILDING SYSTEMS
EP ENGINEERING
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ENVELOPE
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SUSTAINABILITY
BRIGHT POWER
80 BROAD ST, NEW YORK, NY 10004
LANDSCAPE
MARVEL
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DOB STAMP ZONE



PLOT PLAN
#2311
1250 WILLOUGHBY

1250 WILLOUGHBY AVE,
BROOKLYN, NY 11237

BUILDING SECTIONS

SCALE: As indicated

DRAWING #:
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of
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APPENDIX B

Geophysical Survey Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

Industrial Property
1250 Willoughby Ave,
Brooklyn, NY 11237

NOVA PROJECT NUMBER:
24-4445

DATED:
December 9, 2024

PREPARED FOR:

LANGAN

21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001
www.langan.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

December 9, 2024

Shawn Martin
Senior Staff Scientist
LANGAN
360 West 31st Street
8th Floor
New York, NY 10001-2727
D: 212.479.5574 E: Smartin@langan.com

Re: Geophysical Engineering Survey (GES) Report
1250 Willoughby Ave
Brooklyn, New York 11237

Dear Mr. Martin,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 1250 Willoughby Avenue, Brooklyn, NY (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures at the project site on December 3rd, 2024.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the

surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

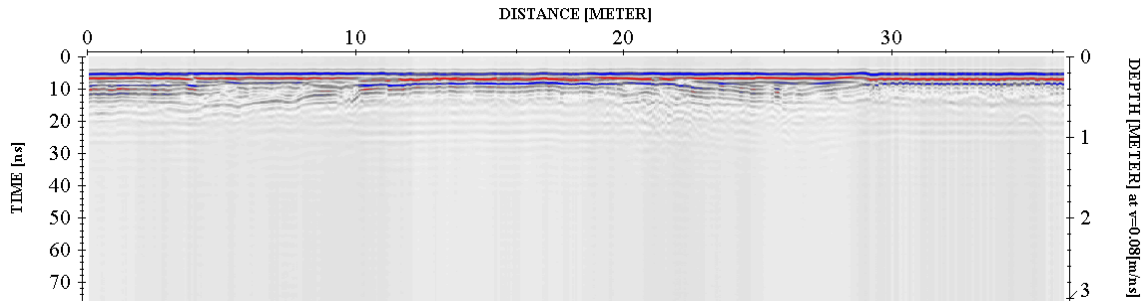
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

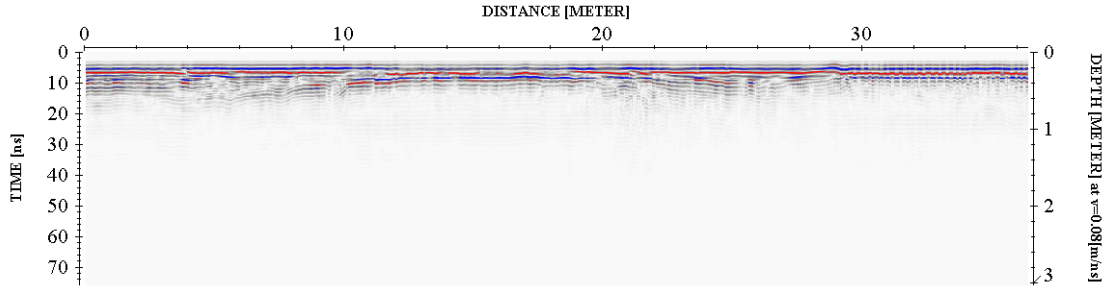
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

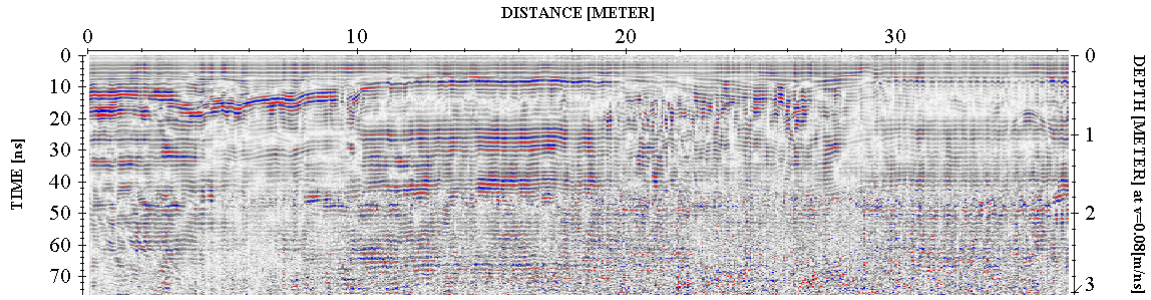
Step 1. Import Raw RAMAC data to standard processing format



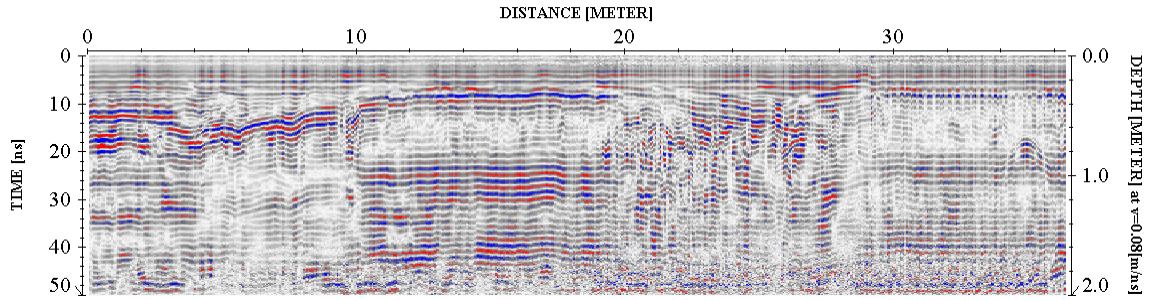
Step 2. Remove instrument noise *(dewow)*



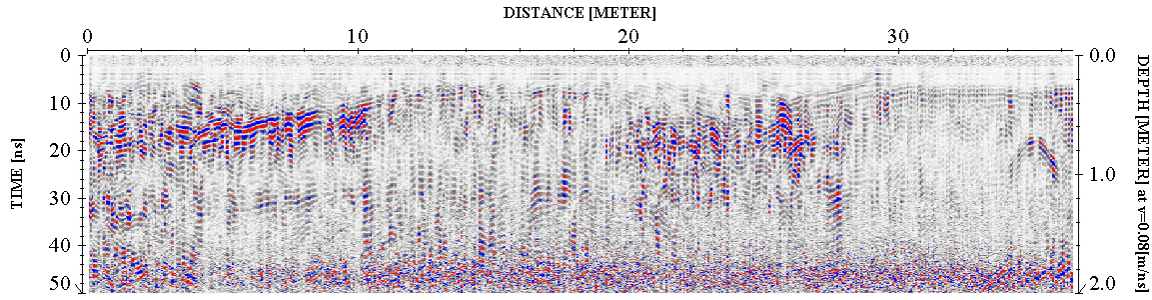
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Cloudy

Temperature: 34° F

Surface: Asphalt/ Rubble

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 5'. Additional GPR data was collected over features of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment as well as being on an abundance of rubble in areas.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as sewer) were identified within the survey area. The approximate locations are shown in the survey plan.

- The GES identified a sewer cleanout and line within the survey area. This line exits onto Willoughby Ave.

- Multiple linear anomalies were found within the survey area. These anomalies were consistent with possible rubble, old pipes, or unknown utilities.

- The GES identified a gas line on the sidewalk. However, the GES confirmed that this line does not appear to enter the property.

- The GES did not identify any anomalies consistent with that of UST's.

- NOVA cleared and marked all proposed boring locations.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

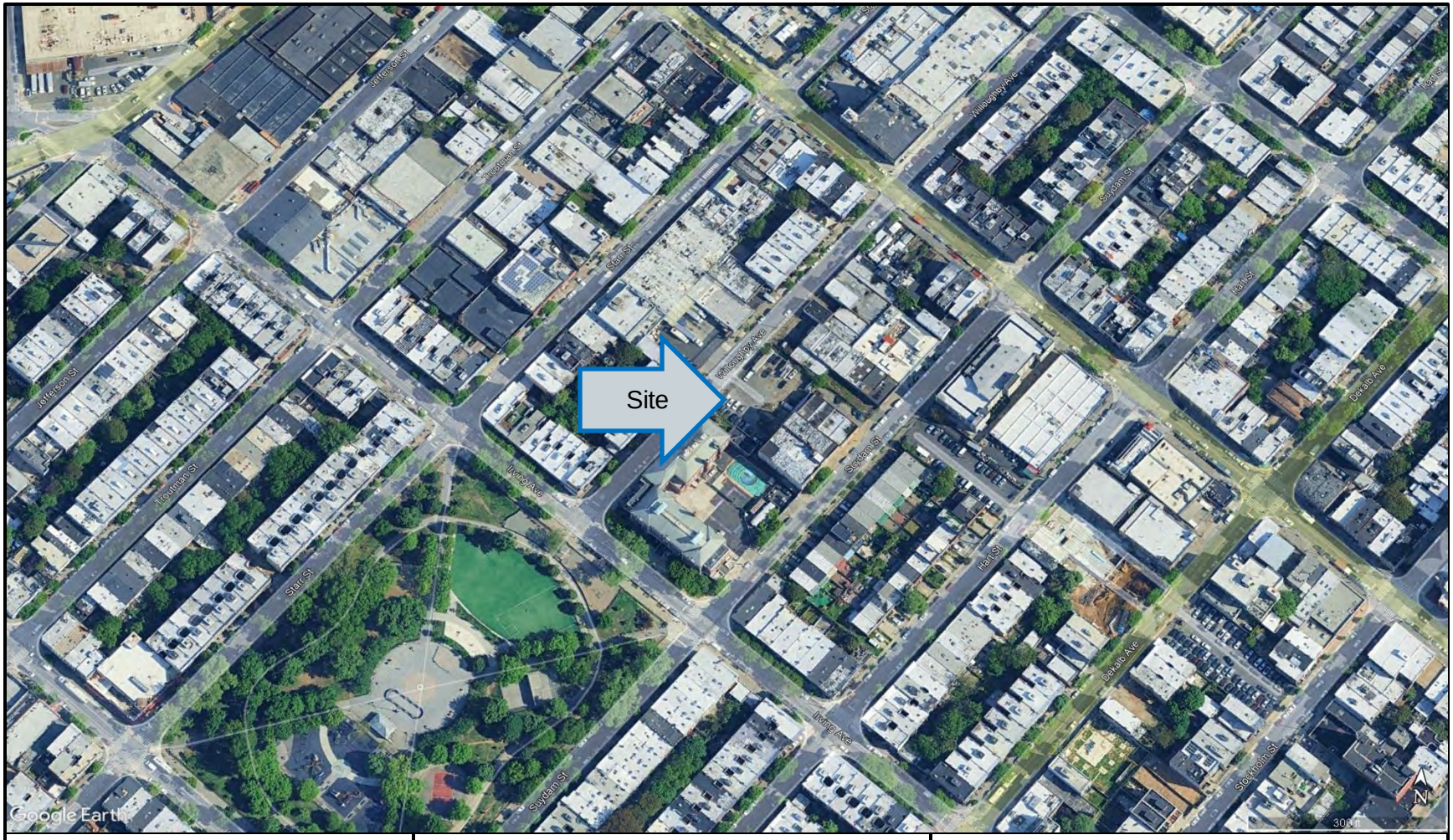
NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.
Project Manager

Attachments:

Location Map
Survey Plan
Geophysical Images



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Site Location

SITE:	**Industrial Property** 1250 Willoughby Ave, Brooklyn, NY 11237
CLIENT:	LANGAN
DATE:	December 3rd, 2024
AUTH:	Jason Staunton

Legend



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SURVEY PLAN

SITE:	**Industrial Property** 1250 Willoughby Ave, Brooklyn, NY 11237
CLIENT:	LANGAN
DATE:	December 3rd, 2024
AUTH:	Jason Staunton

Legend

- Survey Area
- High noise area
- Sewage
- Gas
- Linear anomaly
- Sewer cleanout
- Proposed Boring Location

GEOPHYSICAL IMAGES

Industrial Property
1250 Willoughby Avenue
Brooklyn, NY 11237
December 3rd, 2024









GEOPHYSICAL IMAGES

Industrial Property
1250 Willoughby Avenue
Brooklyn, NY 11237
December 3rd, 2024









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GEOPHYSICAL IMAGES

Industrial Property
1250 Willoughby Avenue
Brooklyn, NY 11237
December 3rd, 2024



APPENDIX C

Soil Boring Logs

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Log of Boring **SB01/TMW01** Sheet 1 of 2

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/10/2024 — Date Finished: 12/3/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ 26.6
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Grayish black ASPHALT [ASPHALT]	0	M-1A				0.0	
		Light brown to brownish black fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]		M-1B				0.0	
		Orangish brown fine to medium SAND, trace silt, brick, trace fine subangular gravel (dry) [FILL]	1					0.0	Collected SB01_1-2
			2	M-1C	Macrocore	10/48			
			3						
		Orangish brown fine to medium SAND, trace silt, trace fine subangular gravel, trace glass (dry) [FILL]	4					0.0	
								0.0	
			5	M-2A				0.0	
		Dark brown Silty fine to medium SAND, trace fine subangular gravel (dry) [FILL]	6		Macrocore	38/48		0.0	
								0.0	
			7	M-2B				0.0	
								0.0	
		Light brown to dark brown Silty medium to fine SAND, trace glass (dry) [FILL]	8					0.0	
				M-3A				0.0	
		Grayish black to grayish white Silty fine to medium SAND, trace fine subangular gravel, glass, trace coal (dry) [FILL]	9					0.0	
			10					0.0	
				M-3B	Macrocore	36/48		0.0	
			11					0.6	Collected SB01_11-12
								0.0	
		Grayish white Clayey SAND, trace fine subangular gravel, glass (moist) [FILL]	12					0.0	
	N/A			M-4A				0.0	
		Dark brown to light brown fine to medium SAND, trace silt (dry) [SM]	13					0.0	
								0.0	
			14					0.0	
				M-4B	Macrocore	40/48		0.0	
			15					0.0	Completed as temporary monitoring well TMW01; set 10 feet of 0.020 slot screen from 25 to 35 feet bgs
								0.0	
	N/A	End of Boring at 16.0ft.	16						
			17						

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Log of Boring **SB01/TMW01**

Project	Project No.
Willoughby Conversion Project	170794301
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
			17.6						

18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

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Log of Boring **SB02** Sheet 1 of 1

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/10/2024 — Date Finished: 12/3/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Grayish black ASPHALT [ASPHALT]	0	M-1A				0.0	
		Orangish brown fine to medium SAND, trace silt, trace fine subangular gravel, brick (dry) [FILL]	1					0.0	
			2	M-1B	Macrocore	30/48		0.0	Collected SB02_2-3
			3					0.0	
		Tannish brown to light brown fine to medium SAND, trace silt, brick, trace coal, trace fine subangular gravel (dry) [FILL]	4					0.0	
			5	M-2	Macrocore	34/48		0.0	
			6					0.0	
		Mottled gray fine to medium SAND, metal fragments, trace coal, trace glass (dry) [FILL]	7					0.0	
			8	M-3	Macrocore	16/48		0.0	
			9					0.0	
			10					0.0	
			11					0.0	Collected SB02_11-12
		Grayish tan Silty fine to medium SAND, trace fine subangular gravel (moist) [FILL]	12	M-4A				0.0	
	N/A	Orangish brown fine to medium SAND (dry) [SP]	13		Macrocore	36/48		0.0	
			14	M-4B				0.0	
			15					0.0	Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
	N/A	End of Boring at 16.0ft.	16					0.0	

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Log of Boring **SB03** Sheet 1 of 1

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/10/2024 — Date Finished: 12/3/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Grayish black ASPHALT [ASPHALT]	0	M-1A				0.0	
		Tannish white fine to medium SAND, some fine to coarse subangular gravel (dry) [FILL]						0.0	
			1	M-1B				0.0	
								0.0	
		Dark brown Silty fine to medium SAND, brick, trace fine subangular gravel (dry) [FILL]	2		Macrocore	44/48		0.0	
								0.0	
			3	M-1C				0.0	Collected SB03_3-4
								0.0	
		Dark brown to light brown fine to medium SAND, trace silt, trace fine subangular gravel, brick (dry) [FILL]	4					0.0	
				M-2A				0.0	
		Black to dark brown Silty fine to medium SAND, trace fine subangular gravel (dry) [FILL]	5					0.0	
								0.0	
			6					0.0	
				M-2B	Macrocore	43/48		0.0	
			7					0.0	
								0.0	
		Dark brown medium to fine SAND, trace silt, trace fine subangular gravel (dry) [FILL]	8					0.0	
								0.0	
			9					0.0	
				M-3A				0.0	
			10					0.0	
						48/48		0.0	Collected SB03_10.5-11.5
		Black to dark brown fine to medium SAND, trace silt, trace fine subangular gravel, glass (dry) [FILL]	11					0.0	
				M-3B				0.0	
	N/A							0.0	
		Orangish brown fine to medium SAND, trace fine subangular gravel (dry) [SP]	12					0.0	
								0.0	
			13					0.0	
								0.0	
			14	M-4				0.0	
					Macrocore	46/48		0.0	
								0.0	
			15					0.0	Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
								0.0	
	N/A		16						

End of Boring at 16.0ft.

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Log of Boring **SB04** Sheet 1 of 1

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/10/2024 — Date Finished: 12/4/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Reddish brown to dark brown fine to medium SAND, trace silt, brick, glass (dry) [FILL]	0					0.0	
			1	M-1A	Macrocore	31/48		0.0	Collected SB04_0.5-1.5
		Dark brown fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]	2					0.0	
			3	M-1B				0.0	
		Dark brown fine to medium SAND, trace silt, trace fine subangular gravel, brick (dry) [FILL]	4	M-2A				0.0	
		Light brown to tannish brown fine to medium SAND, silt, trace fine subangular gravel, coal (dry) [FILL]	5	M-2B	Macrocore	40/48		0.0	
		Orangish brown to reddish brown Silty fine to medium SAND, brick, coal (dry) [FILL]	6					0.0	
			7	M-2C				0.0	
		Dark brown fine to medium SAND, silt, trace fine subangular gravel (dry) [FILL]	8	M-3A				0.0	Collected SB04_8-9
		Orangish brown to light brown Silty fine to medium SAND, trace glass (dry) [FILL]	9					0.0	
			10	M-3B	Macrocore	42/48		0.0	
			11					0.0	
		Light brown to tannish brown Silty fine to medium SAND (dry) [FILL]	12	M-4A				0.0	
	N/A	Light brown fine to medium SAND, trace silt (dry) [SP]	13					0.0	
			14	M-4B	Macrocore	45/48		0.0	
			15					0.0	Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
	N/A	End of Boring at 16.0ft.	16					0.0	

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Log of Boring **SB05** Sheet 1 of 1

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/10/2024 — Date Finished: 12/4/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▽ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark black ASPHALT [ASPHALT]	0	M-1A				0.0	
		Orangish brown to dark brown Silty fine to medium SAND, construction debris, glass, trace fine subangular gravel (dry) [FILL]	1	M-1B	Macrocore	40/48		0.0	Collected SB05_1-2
			2					0.0	
			3	M-1C				0.0	
		Orangish brown to light brown fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]	4	M-2	Macrocore	36/48		0.0	
		Orangish brown to dark brown fine to medium SAND, trace silt, trace fine subangular gravel, brick (dry) [FILL]	5					0.0	
			6					0.0	
			7					0.0	
		Orangish brown to dark brown Silty fine to medium SAND, trace fine gravel (dry) [FILL]	8	M-3	Macrocore	40/48		0.0	
			9					0.0	
			10					0.0	Collected SB05_10-11
			11					0.0	
	N/A	Orangish brown to dark brown Silty fine to medium SAND, trace fine gravel (dry) [FILL]	12	M-4A				0.0	
		Orangish brown to tannish brown fine to medium SAND, trace silt (dry) [SW]	13	M-4B	Macrocore	41/48		0.0	
			14					0.0	
			15					0.0	
	N/A	End of Boring at 16.0ft.	16					0.0	Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
			17					0.0	

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Log of Boring **SB06** Sheet 1 of 1

Project: Willoughby Conversion Project	Project No.: 170794301
Location: 1250 Willoughby Ave, Brooklyn, NY	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Corp.	Date Started: 12/19/2024 — Date Finished: 12/4/2024
Drilling Equipment: Geoprobe 6610DT	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Adam Hutchinson
Sampler: Macrocore	Field Engineer: Shawn Martin
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Grayish brown fine to medium SAND, trace silt, trace fine subangular gravel, brick (dry) [FILL]	0					0.0	
			1					0.0	
			2	M-1	Macrocore	40/48		0.0	Collected SB06_2-3
			3					0.0	
		Orangish brown to light brown Silty fine to medium SAND, trace fine subangular gravel, brick (dry) [FILL]	4					0.0	
			5					0.0	
			6	M-2	Macrocore	45/48		0.0	Collected SB06_6-7
			7					0.0	
		Dark brown to orangish brown fine to medium SAND, trace silt (dry) [FILL]	8					0.0	
			9					0.0	
			10	M-3	Macrocore	42/48		0.0	
			11					0.0	
		Dark brown to orangish brown fine to medium SAND, trace silt (dry) [FILL]	12					0.0	
			13					0.0	
			14	M-4	Macrocore	32/48		0.0	
			15					0.0	Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
	N/A	End of Boring at 16.0ft.	16					0.0	

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Log of Boring SB10/MW10 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/7/2025	Date Finished: 11/7/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 27.5	Completion: ▼ N/A / 24 Hour: ▼ 28.6
Casing Diameter (in): N/A / Casing Depth (ft): N/A		Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: Macrocore		Water Reading Date/Time: 11/7/2025	N/A
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A		Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0					0.0	Geoprobe used to make 4 inch hole through 2 inch thick apron. Precleared to 5ft depth by hand auger.
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish brown, dry, fine sand, fine subangular gravel, brick, construction debris		1					0.0	
				PC-1 PC-2	DIST			0.0	
			2					0.0	
								0.0	
			3					0.0	
				PC-3	DIST			0.0	
			4					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, dry, fine sand, fine subangular gravel		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	36/36		0.0	
			7					0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, dry, fine poorly graded sand, fine subangular gravel		8					0.0	
				M-2A				0.0	
			9					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) grayish-orangish gray, dry, fine poorly graded sand, fine subangular gravel							0.0	
			10					0.0	
				M-2B	Macrocore	41/48		0.0	
			11					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) grayish-orangish gray, dry, fine poorly graded sand, fine subangular gravel		12					0.0	
				M-3A				0.0	
	SILTY POORLY GRADED SAND (SM) dark gray, moist, fine poorly graded sand		13					0.0	SB-10_13-15.
								0.0	
			14	M-3B	Macrocore	46/48		0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) orangish brown, moist, fine poorly graded sand, fine subangular gravel		15					0.0	
				M-3C				0.0	
			16						

LANGAN

Log of Boring SB10/MW10 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) orangish brown, moist, fine poorly graded sand, fine subangular gravel		17					0.0	
								0.0	
			18	M-4	Macrocore	36/48		0.0	
								0.0	
			19						
			20					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) orangish brown, moist, fine poorly graded sand, fine subangular gravel							0.0	
			21					0.0	
								0.0	
			22	M-5	Macrocore	45/48		0.0	
								0.0	
			23					0.0	
								0.0	
			24					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) orangish brown, moist, fine poorly graded sand, fine subangular gravel							0.0	
			25					0.0	
								0.0	
			26	M-6	Macrocore	46/48		0.0	SB-10_26-28.
								0.0	
			27					0.0	
		▽						0.0	
	End of Boring at 28.0 ft.	▼	28						Completed as permanent monitoring well MW10; set 10 feet of 0.020-slot screen from 25 to 35 feet bgs.
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB11/MW11 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/6/2025	Date Finished: 11/6/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 27.5	Completion: ▼ N/A / 24 Hour: ▼ 28.72
Casing Diameter (in): N/A / Casing Depth (ft): N/A		Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ 7.58
Sampler: Macrocore		Water Reading Date/Time: 11/10/2025	N/A
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A		Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0					0.0	Geoprobe used to make 4 inch hole through 2 inch thick apron. Precleared to 5ft depth by hand auger. SB-11_0-2.
	SILTY POORLY GRADED SAND with GRAVEL (FILL) reddish brown, dry, fine sand, fine subangular gravel, brick		1	PC-1	DIST			0.0	
			2					0.0	
			3					0.0	
			4					0.0	
			5					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish-grayish brown, dry, medium sand, coarse subangular gravel, brick		6	M-1	Macrocore	26/36		0.0	
			7					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish-grayish brown, dry, medium poorly graded sand, coarse subangular gravel, brick		8	M-2A				0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine sand		9					0.0	
			10	M-2B	Macrocore	42/48		0.0	SB-11_10-12.
			11					0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, medium poorly graded sand		12					0.0	
			13					0.0	
			14	M-3	Macrocore	42/48		0.0	
			15					0.0	
			16						

LANGAN

Log of Boring SB11/MW11 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, medium poorly graded sand		17					0.0	
								0.0	
			18	M-4	Macrocore	46/48		0.0	
								0.0	
			19					0.0	
			20					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, medium poorly graded sand							0.0	
			21					0.0	
								0.0	
			22	M-5	Macrocore	36/48		0.0	
								0.0	
			23						
			24					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) tannish brown, moist, medium poorly graded sand, fine subangular gravel							0.0	
			25					0.0	
								0.0	
			26	M-6	Macrocore	26/48		0.0	
			27						
			28						Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
	End of Boring at 28.0 ft.								
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB12 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/5/2025	Date Finished: 11/18/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 27.0	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A / Casing Depth (ft): N/A		Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: Macrocore		Water Reading Date/Time:	N/A / N/A
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A		Drilling Foreman: Mike Kolasinski	Field Engineer: Olivia ODonnell

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0					0.0	Jackhammer used to make 4 inch hole through 8 inch thick apron. Precleared to 5ft depth by hand auger.
	GRAVELLY SILTY POORLY GRADED SAND (FILL) tannish brown with dark gray, dry, fine sand, coarse subangular gravel, brick, concrete, construction debris		1					0.0	
								0.0	
			2					0.0	SB-12_2-4
								0.0	
			3	PC-1	DIST			0.0	
								0.0	
			4					0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) brown, moist, fine sand, fine subangular gravel, construction debris		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	36/36		0.0	
			7					0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) brown, moist, fine poorly graded sand, fine subangular gravel, construction debris		8					0.0	
				M-2A				0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand, medium sand lenses		9					0.0	SB-12_9-11.
								0.0	
			10					0.0	
				M-2B	Macrocore	45/48		0.0	
			11					0.0	
								0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, fine poorly graded sand		12					0.0	
								0.0	
			13					0.0	
								0.0	
			14	M-3	Macrocore	35/48		0.0	
								0.0	
			15						
			16						

LANGAN

Log of Boring SB12 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, dry, fine poorly graded sand							0.0	
			17					0.0	
								0.0	
			18	M-4	Macrocore	31/48		0.0	
			19						
			20					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, fine poorly graded sand							0.0	
			21					0.0	
								0.0	
			22	M-5	Macrocore	32/48		0.0	
			23						
			24					0.0	SB-12_24-26.
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, fine poorly graded sand							0.0	
			25					0.0	
								0.0	
			26	M-6	Macrocore	24/48			
			27						
	End of Boring at 28.0 ft.		28						Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB13/MW13 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/11/2025	Date Finished: 11/11/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 27.5	Completion: ▼ N/A / 24 Hour: ▼ 28.05
Casing Diameter (in): N/A / Casing Depth (ft): N/A		Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ 7.94
Sampler: Macrocore		Water Reading Date/Time: 11/11/2025	N/A
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A		Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish brown, dry, fine sand, fine subangular gravel, brick, coal		1					0.0	
				PC-1	DIST			0.0	
			2					0.0	
			3					0.0	
			4					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) dark brown, dry, fine sand, fine subangular gravel, brick		5						
			6	M-1	Macrocore	28/36			
			7						
	SILTY POORLY GRADED SAND with GRAVEL (FILL) dark brown, dry, fine poorly graded sand, fine subangular gravel, brick		8						
			9						
			10	M-2A	Macrocore	30/48			
			11	M-2B					
	SILTY POORLY GRADED SAND (SM) dark brown, dry, fine poorly graded sand		12					0.0	SB-13_12-14.
	SILTY POORLY GRADED SAND (SM) dark brown, dry, fine poorly graded sand							0.0	
			13					0.0	
								0.0	
			14	M-3	Macrocore	46/48		0.0	
								0.0	
			15					0.0	
								0.0	
			16						

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Log of Boring SB13/MW13 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16						
	SILTY POORLY GRADED SAND (SM) dark brown, dry, fine poorly graded sand		17						
			18	M-4	Macrocore	46/48			
			19						
	SILTY POORLY GRADED SAND (SM) tannish brown, dry, fine poorly graded sand		20						
			21						
			22	M-5	Macrocore	46/48			
			23						
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, fine poorly graded sand		24					0.0	
								0.0	
			25					0.0	SB-13_25-27.
								0.0	
			26	M-6	Macrocore	46/48		0.0	
								0.0	
			27					0.0	
								0.0	
	End of Boring at 28.0 ft.		28						Completed as permanent monitoring well MW13; set 10 feet of 0.010-slot screen from 25 to 35 feet bgs.
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB14 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/12/2025	Date Finished: 11/12/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 26.3	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: Macrocore		Water Reading Date/Time: 11/12/2025	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine sand, fine subrounded to subangular gravel, brick	0.0	0					0.0	Precleared to 5ft depth by hand auger. SB-14_0-2.
			1	PC-2	DIST			0.0	
			2					0.0	
			3	PC-1	DIST			0.0	
			4					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish brown with dark gray, moist, fine sand, fine subangular gravel, construction debris, brick		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	30/36		0.0	
			7					0.0	
	SILTY POORLY GRADED SAND (FILL) orangish brown, moist, fine poorly graded sand, brick		8					0.0	
				M-2A				0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand		9					0.0	
								0.0	
			10					0.0	SB-14_10-12.
				M-2B	Macrocore	37/48		0.0	
			11						
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand		12						
				M-3A					
	SILTY POORLY GRADED SAND (SM) orangish-tannish gray, moist, fine poorly graded sand		13						
			14						
				M-3B	Macrocore	36/48			
			15						
			16						

LANGAN

Log of Boring SB14 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	SILTY POORLY GRADED SAND (SM) tannish gray, moist, fine poorly graded sand	-16.0	16					0.0	
			17					0.0	
								0.0	
			18	M-4	Macrocore	29/48		0.0	
								0.0	
			19						
			20					0.0	
	SILTY POORLY GRADED SAND (SM) tannish gray, moist, fine poorly graded sand							0.0	
			21	M-5	Macrocore	24/24		0.0	
								0.0	
			22					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) tannish gray, moist, fine poorly graded sand, fine subangular gravel							0.0	
			23	M-6	Macrocore	24/24		0.0	
								0.0	
			24					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) tannish gray, moist, fine poorly graded sand, fine subangular gravel							0.0	
			25					0.0	
								0.0	
	▽		26	M-7	Macrocore	28/48		0.0	SB-14_25-27.
			27						
	End of Boring at 28.0 ft.		28						Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB15/MW15 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/12/2025	Date Finished: 11/12/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: ▽ 27.5	Completion: ▼ N/A / 24 Hour: ▼ 28.56
Casing Diameter (in): N/A / Casing Depth (ft): N/A		Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ 8.17
Sampler: Macrocore		Water Reading Date/Time: 11/11/2025	N/A
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A		Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0						
	SILTY POORLY GRADED SAND with GRAVEL (FILL) grayish brown, dry, fine sand, fine subangular gravel, brick, cobble, woody vegetation		1						SB-15_1-3 WC04_C_3-5
			2	PC-1	DIST				
			3						
			4	PC-2	DIST				
	SILTY POORLY GRADED SAND with GRAVEL (FILL) grayish brown with brownish brown, dry, fine sand, fine subangular gravel, brick, coal, construction debris		5					0.0	
			6					0.0	
				M-1	Macrocore	32/36		0.0	
			7					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) grayish brown with brownish brown, dry, fine poorly graded sand, fine subangular gravel, brick, coal, construction debris		8					0.0	
			9					0.0	
			10	M-2	Macrocore	18/48		0.0	
			11						
			12					0.0	
	SILTY POORLY GRADED SAND (SP) tannish brown, dry, fine poorly graded sand							0.0	
			13					0.0	SB-15_13-15.
								0.0	
			14	M-3	Macrocore	42/48		0.0	
			15					0.0	
			16						

LANGAN

Log of Boring SB15/MW15 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, dry, fine poorly graded sand		17					0.0	
								0.0	
			18	M-4	Macrocore	42/48		0.0	
								0.0	
			19					0.0	
			20					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, dry, fine poorly graded sand							0.0	
			21					0.0	
								0.0	
			22	M-5	Macrocore	46/48		0.0	
								0.0	
			23					0.0	
								0.0	
			24					0.0	
	SILTY POORLY GRADED SAND (SM) tannish brown, moist, fine poorly graded sand							0.0	
			25					0.0	SB-15_25-27.
								0.0	
			26	M-6	Macrocore	46/48		0.0	
								0.0	
			27					0.0	
								0.0	
	End of Boring at 28.0 ft.		28						Completed as permanent monitoring well MW15; set 10 feet of 0.010-slot screen from 25 to 35 feet bgs.
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB16 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/12/2025	Date Finished: 11/13/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 15.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Sampler: Macrocore		Water Reading Date/Time: N/A	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0						Geoprobe used to make 4 inch hole through 2 inch thick apron. Precleared to 5ft depth by hand auger.
	GRAVELLY POORLY GRADED SAND with SILT (FILL) tannish brown, dry, fine sand, brick		1						
			2	PC-1	DIST				
			3						
			4	PC-2	DIST				
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, dry, fine sand, fine subangular gravel, brick, coal		5						
			6	M-1	Macrocore	40/36			
			7						
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown with tannish gray, dry, fine poorly graded sand, fine subangular gravel, brick, coal, construction debris		8						
			9						
			10	M-2	Macrocore	41/48			
			11						SB-16_11-12.
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown with tannish gray, dry, fine poorly graded sand, fine subangular gravel, brick, coal, construction debris, plastic		12						
			13	M-3A	Macrocore	30/36			SB-16_13-14.
			14						
	SILTY POORLY GRADED SAND with GRAVEL (SP) orangish brown with tannish gray, moist, fine poorly graded sand, fine subangular gravel		15	M-3B					
	End of Boring at 15.0 ft.		16						

LANGAN

Log of Boring SB17 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/7/2025	Date Finished: 11/7/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 22.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66 DT		Water Depth (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Sampler: Hand Auger; Macrocore		Water Reading Date/Time: N/A	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Mike Kolasinski	Field Engineer: Laurel Winslow

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, dry, fine sand, fine subangular gravel, brick	0.0	0					0.0	Precleared to 5 ft by hand auger.
								0.0	
			1					0.0	
								0.0	
			2	PC-1	DIST			0.0	
								0.0	
			3					0.0	
								0.0	
			4					0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine sand, fine subangular gravel, brick, construction debris		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	31/36		0.0	
			7					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine poorly graded sand, fine subangular gravel, brick, construction debris		8					0.0	
								0.0	
			9					0.0	
								0.0	
			10	M-2	Macrocore	25/48		0.0	
			11						SB-17_11-12.
			12					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine poorly graded sand, fine subangular gravel, brick, construction debris			M-3A				0.0	
			13					0.0	SB-17_13-14.
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand							0.0	
			14					0.0	
				M-3B	HA	46/48		0.0	
			15					0.0	
								0.0	
			16						

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Log of Boring SB17 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
		-16.0	16					0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand		17					0.0	
								0.0	
			18	M-4	Macrocore	38/48		0.0	
								0.0	
			19					0.0	
			20						
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand								
			21	M-5	Macrocore	24/24			
	End of Boring at 22.0 ft.		22						Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

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Log of Boring SB18 Project No 170794301

Project: Willoughby Conversion Project		Date Started: 11/5/2025	Date Finished: 11/18/2025
Location: 1250 Willoughby Ave, Brooklyn, NY		Coordinates:	
Drilling Contractor: Lakewood Environmental		Elevation and Datum: N/A	
Drilling Method: Direct Push		Completion Depth: 28.0 ft	Rock Depth: N/A
Drilling Equipment: Geoprobe Drill Rig 66		Water Depth (ft.) First: ▽ 26.5	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: Macrocore		Water Reading Date/Time: 11/5/2025	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Mike Kolasinski	Field Engineer: Olivia ODonnell

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	ASPHALT	0.0	0						
	SILTY POORLY GRADED SAND with GRAVEL (FILL) tannish brown with dark gray, dry, fine sand, coarse subangular gravel, construction debris, brick, fibrous vegetation		1					0.0	
			2	PC-1	DIST			0.0	
								0.0	
			3					0.0	
			4	PC-2	DIST			0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine sand, fine subangular gravel, slag		5					0.0	
								0.0	
			6	M-1	Macrocore	36/36		0.0	
								0.0	
			7					0.0	
								0.0	
	SILTY POORLY GRADED SAND with GRAVEL (FILL) orangish brown, moist, fine poorly graded sand, fine subangular gravel		8					0.0	
				M-2A				0.0	
			9					0.0	
	SILTY POORLY GRADED SAND with GRAVEL (SM) orangish brown, moist, fine poorly graded sand, fine subangular gravel, gravel lenses							0.0	
			10					0.0	SB-18_10-12.
				M-2B	Macrocore	45/48		0.0	
			11					0.0	
								0.0	
	SILTY POORLY GRADED SAND (SM) orangish brown, moist, fine poorly graded sand, medium sand lenses, subrounded fine gravel lenses		12					0.0	
								0.0	
			13					0.0	
								0.0	
			14	M-3	Macrocore	44/48		0.0	
								0.0	
			15					0.0	
								0.0	
			16						

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Log of Boring SB18 Project No 170794301

Project	Coordinates
Willoughby Conversion Project	
Location	**Elevation and Datum**
1250 Willoughby Ave, Brooklyn, NY	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	SILTY POORLY GRADED SAND (SM) tannish gray, moist, fine poorly graded sand, medium sand lenses, subrounded fine gravel lenses	-16.0	16					0.0	
			17					0.0	
								0.0	
			18	M-4	Macrocore	31/48		0.0	
								0.0	
			19						
	SILTY POORLY GRADED SAND (SM) tannish gray, moist, fine poorly graded sand, lenses medium sand, lenses subrounded fine gravel		20					0.0	
								0.0	
			21					0.0	
								0.0	
			22	M-5	Macrocore	42/48		0.0	
								0.0	
			23					0.0	
	SILTY POORLY GRADED SAND (SM) tannish gray, moist, fine poorly graded sand, lenses medium sand, lenses subrounded fine gravel		24					0.0	
								0.0	
			25	M-6A	Macrocore	43/48		0.0	
								0.0	
			26					0.0	
	▽							0.0	
	SILTY POORLY GRADED SAND (SM) tannish gray, wet, fine poorly graded sand, lenses medium sand, lenses subrounded fine gravel		27	M-6B				0.0	
			28						SB-18_25-27. Boring backfilled to grade with clean soil cuttings and capped with asphalt cold patch.
	End of Boring at 28.0 ft.								
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

APPENDIX D

Monitoring Well Construction and Sampling Logs

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. TWP01

PROJECT			PROJECT NO.	
1250 Willoughby Ave			170794301	
LOCATION			**ELEVATION AND DATUM**	
Brooklyn, NY			el. N/A NAVD88	
DRILLING AGENCY			**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.			12/3/2024	12/3/2024
DRILLING EQUIPMENT			**DRILLER**	
Geoprobe® 6610 DT			Tim Kelly	
SIZE AND TYPE OF BIT			**INSPECTOR**	
2-inch Direct Push			Shawn Martin	
BOREHOLE DIAMETER			**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch			Overburden	
RISER MATERIAL	**DIAMETER**		**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch		No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**		**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch		No. 1 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring to approximately 35 feet bgs. A two-inch (2") PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 2" PVC riser. Well screen was installed from approximately 25 to 35 feet bgs with riser from 25 feet bgs to surface.

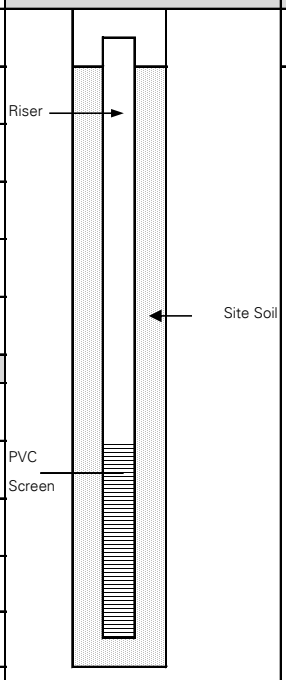
WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	N/A	Well will be purged prior to sampling.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

	ELEVATION	DEPTH (ft)
TOP OF CASING	N/A	0
TOP OF SEAL	N/A	N/A
TOP OF FILTER	N/A	N/A
TOP OF SCREEN	N/A	25
BOTTOM OF BORING	N/A	35
SCREEN LENGTH		10 feet
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	12/3/2024	26.65 ft
		ft



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	25
	35

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW10

PROJECT		PROJECT NO.	
Willoughby Conversion Project (1250 Willoughby Avenue)		170794301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 36.46 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental		11/12/2025	11/12/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 66 DT		Mike Kolasinski	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.75-inch Direct Push		Laurel Winslow	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 66DT drill rig was used to advance the boring to about 35 feet below grade surface (bgs). A two-inch (2") PVC monitoring well was installed which consisted of 10' of 20 slot (0.020-inch) slotted well screen and a solid 2" PVC riser. Well screen was installed from approximately 25 to 35 feet bgs with riser from 25 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 23 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was backfilled with clean No.2 sand to 0.5 feet bgs. The monitoring well was finished at the surface with a flush-mounted access cover within a concrete pad.

WELL DEVELOPMENT DATA

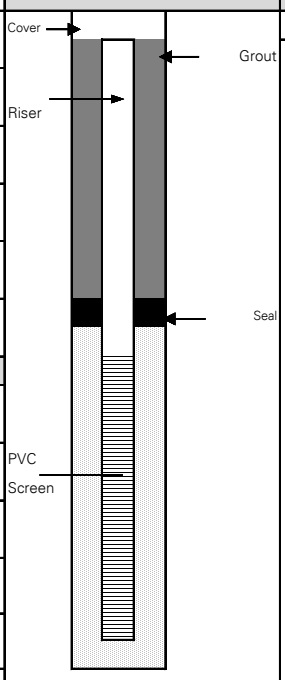
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	After installation, the well was developed using a submersible pump to surge across the well screen and remove fines. After surging, the well was purged/pumped until the water became visually clear
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	36.27	0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	15.27	21
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	13.27	23
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	11.27	25
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	1.27	35
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
7.63	11/12/2025	28.64
7.97	11/20/2025	28.3

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	21
	23
	25
	35

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW11

PROJECT		PROJECT NO.	
Willoughby Conversion Project (1250 Willoughby Avenue)		170794301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 36.6 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental		11/10/2025	11/10/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 66 DT		Mike Kolasinski	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.75-inch Direct Push		Laurel Winslow	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 66DT drill rig was used to advance the boring to about 35 feet below grade surface (bgs). A two-inch (2") PVC monitoring well was installed which consisted of 10' of 20 slot (0.020-inch) slotted well screen and a solid 2" PVC riser. Well screen was installed from approximately 25 to 35 feet bgs with riser from 25 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 23 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was backfilled with clean No.2 sand to 0.5 feet bgs. The monitoring well was finished at the surface with a flush-mounted access cover within a concrete pad.

WELL DEVELOPMENT DATA

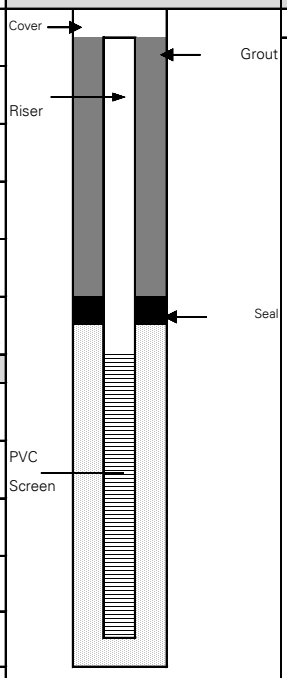
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	After installation, the well was developed using a submersible pump to surge across the well screen and remove fines. After surging, the well was purged/pumped until the water became visually clear
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	36.3	0
TOP OF SEAL	15.3	21
TOP OF FILTER	13.3	23
TOP OF SCREEN	11.3	25
BOTTOM OF BORING	1.3	35
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
7.58	11/10/2025	28.72
7.62	11/21/2025	28.68

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	21
	23
	25
	35

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW13

PROJECT		PROJECT NO.	
Willoughby Conversion Project (1250 Willoughby Avenue)		170794301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 36.35 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental		11/11/2025	11/11/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 66 DT		Mike Kolasinski	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.75-inch Direct Push		Laurel Winslow	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

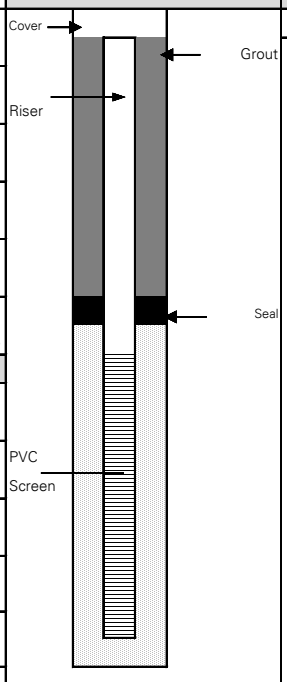
A Geoprobe® 66DT drill rig was used to advance the boring to about 35 feet below grade surface (bgs). A two-inch (2") PVC monitoring well was installed which consisted of 10' of 20 slot (0.020-inch) slotted well screen and a solid 2" PVC riser. Well screen was installed from approximately 25 to 35 feet bgs with riser from 25 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 23 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was backfilled with clean No.2 sand to 0.5 feet bgs. The monitoring well was finished at the surface with a flush-mounted access cover within a concrete pad.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	After installation, the well was developed using a submersible pump to surge across the well screen and remove fines. After surging, the well was purged/pumped until the water became visually clear
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	35.99	0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	14.99	21
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	12.99	23
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	10.99	25
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	0.99	35
SCREEN LENGTH		
		10 feet
SLOT SIZE		
		No. 20 Slot; 0.020 Inches

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	21
	23
	25
	35

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
7.94	11/11/2025	28.05
8.21	11/20/2025	27.78

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW15

PROJECT		PROJECT NO.	
Willoughby Conversion Project (1250 Willoughby Avenue)		170794301	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. 37.21 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental		11/11/2025	11/11/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 66 DT		Mike Kolasinski	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.75-inch Direct Push		Laurel Winslow	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 66DT drill rig was used to advance the boring to about 35 feet below grade surface (bgs). A two-inch (2") PVC monitoring well was installed which consisted of 10' of 20 slot (0.020-inch) slotted well screen and a solid 2" PVC riser. Well screen was installed from approximately 25 to 35 feet bgs with riser from 25 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 23 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was backfilled with clean No.2 sand to 0.5 feet bgs. The monitoring well was finished at the surface with a flush-mounted access cover within a concrete pad.

WELL DEVELOPMENT DATA

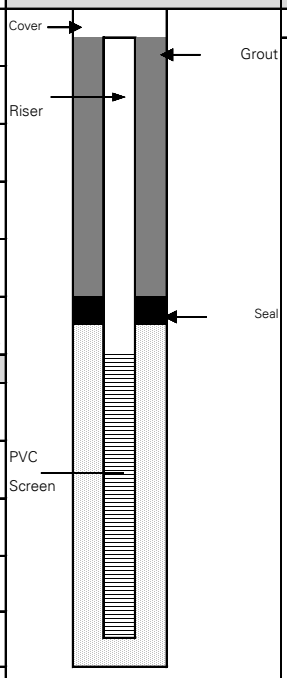
				DEVELOPMENT CONFIRMATION
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	After installation, the well was developed using a submersible pump to surge across the well screen and remove fines. After surging, the well was purged/pumped until the water became visually clear
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**
	36.73	0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	13.73	21
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	11.73	23
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	9.73	25
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	1.73	35
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
8.17	11/11/2025	28.56
8.08	11/20/2025	28.65

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	**DEPTH (FT)**
	0
	21
	23
	25
	35

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	1250 Willoughby Ave	**Well No:**	TWP01	**Water Quality Device Model:**	Horiba U-52	**Weather:**	35-40	**Sample(s):**	
Project Number:	170794301	**Well Depth:**	35'	**Pine Number:**	KXF7	**Background PID (ppm):**	0.0		TWP01_120324
Site Location:	Brooklyn, NY	**Well Diameter:**	2"	**Pump Make and Model:**	Bladder Pump	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling		**Well Screen**	25'	**Pine Number:**	-	**Pump Intake Depth:**	33.0	**Sample Date:**	12/3/2024
Personnel:	Shawn Martin	**Interval:**	35'	**Tubing Diameter:**	1/4" x 1/4"	**Depth to Water Before Purge:**	26.7	**Sample Time:**	15:33

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:50	12.74	6.32	-331	0.341	1000.0	8.64	26.7	0.1	0.00	very turbid, no odor	**N/A**
13:55	13.25	6.32	-306	0.398	1000.0	8.31	26.7	0.1	0.25	very turbid, no odor	**N/A**
14:00	13.79	6.33	-274	0.466	1000.0	8.17	26.7	0.1	0.5	very turbid, no odor	**N**
14:05	14.44	6.32	-252	0.498	1000.0	8.09	26.7	0.1	0.75	very turbid, no odor	**N**
14:10	14.69	6.33	-233	0.517	1000.0	8.00	26.7	0.1	1	very turbid, no odor	**N**
14:15	14.78	6.34	-221	0.534	1000.0	7.64	26.7	0.1	1.25	very turbid, no odor	**N**
14:20	14.88	6.35	-194	0.546	1000.0	7.02	26.7	0.1	1.5	very turbid, no odor	**N**
14:25	14.93	6.36	-181	0.561	964.0	6.36	26.7	0.1	1.75	very turbid, no odor	**N**
14:30	14.99	6.38	-154	0.569	831.0	6.00	26.7	0.1	2	very turbid, no odor	**N**
14:35	15.08	6.40	-137	0.585	643.0	5.84	26.7	0.1	2.25	very turbid, no odor	**N**
14:40	15.21	6.41	-126	0.593	414.0	5.57	26.7	0.1	2.5	turbidity clearing, no odor	**N**
14:45	15.38	6.44	-108	0.599	357.0	5.31	26.7	0.1	2.75	turbidity clearing, no odor	**N**
14:50	15.46	6.44	-83	0.607	288.0	5.06	26.7	0.1	3	turbidity clearing, no odor	**N**
14:55	15.54	6.45	-76	0.611	208.0	4.85	26.7	0.1	3.25	turbidity clearing, no odor	**N**
15:00	15.60	6.46	-64	0.616	173.0	4.23	26.7	0.1	3.5	turbidity clearing, no odor	**N**
15:05	15.70	6.47	-61	0.621	136.0	3.91	26.7	0.1	3.75	turbidity clearing, no odor	**N**
15:10	15.77	6.46	-56	0.623	111.0	3.56	26.7	0.1	4	turbidity clearing, no odor	**N**
15:15	15.81	6.46	-53	0.626	103.0	3.39	26.7	0.1	4.25	turbidity clearing, no odor	**N**
15:20	15.89	6.47	-50	0.628	102.0	3.25	26.7	0.1	4.5	turbidity clearing, no odor	**Y**
15:25	15.91	6.47	-49	0.628	100.0	3.23	26.7	0.1	4.75	turbidity clearing, no odor	**Y**
15:30	15.89	6.47	-48	0.629	97.0	3.22	26.7	0.1	5	turbidity clearing, no odor	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. N/A = Not Applicable

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	1250 Willoughby	**Well No:**	MW10	**Water Quality Device Model:**	Horiba U52	**Weather:**	cloudy		MW10_11202025
Project Number:	170794301	**Well Depth:**	35.00	**Pine Number:**	43430	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	2.0	**Pump Make and Model:**	QED MP-50	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Laurel Winslow	**Well Screen**	25.00	**Pine Number:**	466691	**Pump Intake Depth:**	3.00	**Sample Date:**	11/20/2025
Personnel:	Mat Frankel	**Interval:**	35.00	**Tubing Diameter:**	0.17	**Depth to Water Before Purge:**	28.3(after)	**Sample Time:**	8:55

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
7:43	15.09	6.54	277	0.831	1000	8.04		0.34	1.70	opaque brown	**N/A**
7:48	16.14	6.72	269	0.827	1000	8.51		0.34	3.40	same	**N/A**
7:53	16.58	6.76	267	0.839	451	8.35		0.34	5.10	slightly brown	**N**
7:58	16.60	6.76	266	0.842	405	8.32		0.34	6.80	slightly turbid	**N**
8:03	16.80	6.78	264	0.853	287	8.00		0.34	8.50	same	**N**
8:08	16.82	6.79	263	0.861	178	7.82		0.34	10.20	same	**N**
8:13	16.87	6.80	262	0.869	195	7.58		0.34	11.90	clear	**N**
8:18	16.86	6.82	261	0.872	155	7.45		0.34	13.60	clear	**N**
8:23	16.90	6.83	260	0.880	118	7.26		0.34	15.30	clear	**N**
8:28	16.99	6.84	260	0.887	99	7.11		0.34	17.00	clear	**N**
8:33	16.98	6.85	258	0.887	75	6.99		0.34	18.70	clear	**N**
8:38	17.01	6.86	258	0.892	61	7.20		0.34	20.40	clear	**N**
8:43	17.05	6.86	257	0.897	51	6.85					**N**

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
0.040	0	7	0.343

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	1250 Willoughby Ave	**Well No:**	MW11	**Water Quality Device Model:**	Horiba U52	**Weather:**	cloudy		MW11_11212025
Project Number:	170794301	**Well Depth:**	35.00	**Pine Number:**	43430	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn NY	**Well Diameter:**	2.0	**Pump Make and Model:**	QED MP-50	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Laurel Winslow	**Well Screen**	25.00	**Pine Number:**	466691	**Pump Intake Depth:**	33.00	**Sample Date:**	11/21/2025
Personnel:		**Interval:**	35.00	**Tubing Diameter:**	0.17	**Depth to Water Before Purge:**	28.68(after)	**Sample Time:**	8:53

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:10	16.67	7.58	242	1.100	344	5.36		0.15	0.75	slightly turbid	**N/A**
8:15	16.87	7.57	239	1.100	124	5.06		0.15	1.50	clear	**N/A**
8:20	17.02	7.57	233	1.100	61	4.90		0.15	2.25	clear	**N**
8:25	17.05	7.58	230	1.100	43	4.77		0.15	3.00	clear	**N**
8:30	17.12	7.57	227	1.090	27	4.82		0.15	3.75	clear	**N**
8:35	17.17	7.54	223	1.100	15	5.01		0.15	4.50	clear	**N**
8:40	17.17	7.54	233	1.110	3	4.77		0.15	5.25	clear	**N**
8:45	17.17	7.54	232	1.110	3	4.81		0.15	6.00	clear	**N**
8:50	17.17	7.53	232	1.110	2	4.79		0.15	6.75	clear	**Y**

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
3.000	20		0.150

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	1250 Willoughby	**Well No:**	MW13	**Water Quality Device Model:**	Horiba U52	**Weather:**	cloudy		MW13_11202025
Project Number:	170794301	**Well Depth:**	35.00	**Pine Number:**	43430	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	2.0	**Pump Make and Model:**	QED MP-50	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Laurel Winslow	**Well Screen**	25.00	**Pine Number:**	466691	**Pump Intake Depth:**	33.00	**Sample Date:**	11/20/2025
Personnel:		**Interval:**	35.00	**Tubing Diameter:**	0.17	**Depth to Water Before Purge:**	27.78(after)	**Sample Time:**	14:05

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:05	13.39	7.19	233	1.170	524	6.35		0.15	0.75	turbid	**N/A**
13:10	14.24	7.43	232	1.160	491	5.93		0.15	1.50	turbid	**N/A**
13:15	14.77	7.48	232	1.150	402	5.66		0.15	2.25	turbid	**N**
13:20	14.88	7.49	231	1.140	313	5.47		0.15	3.00	turbid	**N**
13:25	14.99	7.48	230	1.140	265	5.46		0.15	3.75	turbid	**N**
13:30	15.08	7.47	229	1.140	219	5.26		0.15	4.50	turbid	**N**
13:35	15.06	7.44	230	1.170	179	5.21		0.15	5.25	turbid	**N**
13:40	15.14	7.45	228	1.160	155	5.28		0.15	6.00	turbid	**N**
13:45	15.17	7.43	227	1.160	135	5.20		0.15	6.75	turbid	**N**
13:50	15.21	7.40	227	1.160	100	5.07		0.15	7.50	clear	**N**
13:55	15.24	7.39	227	1.160	87	4.99		0.15	8.25	clear	**N**
14:00	15.18	7.38	27	1.160	81	4.94		0.15	9.00	clear	**N**

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
3.000	20		0.150

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	1250 Willoughby	**Well No:**	MW15	**Water Quality Device Model:**	Horiba U52	**Weather:**	40.00		MW15_11202025
Project Number:	170794301	**Well Depth:**	35.00	**Pine Number:**	43430	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, NY	**Well Diameter:**	2.0	**Pump Make and Model:**	QED MP-50	**PID Beneath Inner Cap (ppm):**	0.5		
Sampling	Laurel Winslow	**Well Screen**	25.00	**Pine Number:**	466691	**Pump Intake Depth:**	33.00	**Sample Date:**	11/20/2025
Personnel:	Mat Frankel	**Interval:**	35.00	**Tubing Diameter:**	0.17	**Depth to Water Before Purge:**	28.65(after)	**Sample Time:**	11:20

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:50	15.99	6.77	241	1.330	107	2.92		0.34	1.70	slightly turbid	**N/A**
10:55	16.54	6.76	227	1.310	132	2.86		0.34	3.40	^	**N/A**
11:00	16.76	6.75	221	1.310	70	2.71		0.34	5.10	clear	**N**
11:05	16.89	6.76	216	1.280	28	2.78		0.34	6.80	^	**N**
11:10	16.89	6.76	215	1.280	27	2.83		0.34	8.50	^	**N**
11:15	16.90	6.75	213	1.280	25	2.84		0.34	10.20	^	**Y**

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
0.040	0	7	0.343

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APPENDIX E

Soil Vapor Point Construction and Sampling Logs

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV01_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
INSPECTOR: S.Martin	**SAMPLER:** S.Martin
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	94.6%	92.8%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:36	
SAMPLE STOP TIME:	11:40	
TOTAL SAMPLE TIME (MIN):	124	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	2838	
REGULATOR SERIAL NUMBER:	2349	
CAN START VACUUM PRESS. (" HG):	-30.91	
CAN STOP VACUUM PRESS. (" HG):	-4.02	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV02_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
INSPECTOR: S.Martin	**SAMPLER:** S.Martin
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0.1	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	93.8%	92.4%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:37	
SAMPLE STOP TIME:	11:03	
TOTAL SAMPLE TIME (MIN):	86	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.1	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	2831	
REGULATOR SERIAL NUMBER:	429	
CAN START VACUUM PRESS. (" HG):	-30.81	
CAN STOP VACUUM PRESS. (" HG):	-4.3	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV03_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024 — **DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024 — **DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
INSPECTOR: S.Martin	**SAMPLER:** S.Martin
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	95.1%	92.4%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:38	
SAMPLE STOP TIME:	11:42	
TOTAL SAMPLE TIME (MIN):	124	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	3469	
REGULATOR SERIAL NUMBER:	2339	
CAN START VACUUM PRESS. (" HG):	-30.81	
CAN STOP VACUUM PRESS. (" HG):	-4.62	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV04_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024 / **DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
INSPECTOR: S.Martin	**SAMPLER:** S.Martin
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	91.8%	88.6%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:39	
SAMPLE STOP TIME:	11:17	
TOTAL SAMPLE TIME (MIN):	98	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	4311	
REGULATOR SERIAL NUMBER:	318	
CAN START VACUUM PRESS. (" HG):	-30.87	
CAN STOP VACUUM PRESS. (" HG):	-3.93	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV05_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024 — **DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024 — **DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
INSPECTOR: S.Martin	**SAMPLER:** S.Martin
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	93.9%	88.1%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:40	
SAMPLE STOP TIME:	11:18	
TOTAL SAMPLE TIME (MIN):	98	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	1886	
REGULATOR SERIAL NUMBER:	818	
CAN START VACUUM PRESS. (" HG):	-31.13	
CAN STOP VACUUM PRESS. (" HG):	-0.73	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV06_120424

PROJECT: 1250 Willoughby Ave	**PROJECT NO.:** 170794301	
LOCATION: 1250 Willoughby Ave, Brooklyn, NY	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services Corp	**INSTALLATION DATE STARTED:** 12/4/2024	**DATE FINISHED:** 12/4/2024
INSTALLATION FOREMAN: Adam Hutchinson	**SAMPLE DATE STARTED:** 12/4/2024	**DATE FINISHED:** 12/4/2024
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: S.Martin	**SAMPLER:** S.Martin	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 45° F; Wind: NE; Precipitation: N/A; Pressure: 28.24 Hg	

METHOD OF INSTALLATION AND PURGING:

Lakewood installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6610DT drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	5.00	
PURGE FLOW RATE (L/MIN):	1.00	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-purge	Post-purge
HELIUM TEST IN BUCKET(%):	97.1%	95.6%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	9:41	
SAMPLE STOP TIME:	11:21	
TOTAL SAMPLE TIME (MIN):	100	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	3920	
REGULATOR SERIAL NUMBER:	01350	
CAN START VACUUM PRESS. (" HG):	-30.93	
CAN STOP VACUUM PRESS. (" HG):	-4.11	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	1.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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AIR SAMPLING LOG SHEET

Sample Number: AA01_120424

PROJECT: 1250 Willoughby Avenue	**PROJECT NO.:** 170794301	
LOCATION: AA01_120424	**SURFACE ELEVATION AND DATUM:** Unknown	
SAMPLER: S.Martin	**SAMPLE DATE STARTED:** 12/4/2024	**DATE FINISHED:** 12/4/2024
INSPECTOR: S.Martin	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	40°F
	Wind:	NE
	Precipitation:	N/A
	Pressure:	28.24

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. The sample consisted of 6L Summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and the valve was opened to initiate the 2-hour sample collection. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
HEIGHT ABOVE GROUND (FT):	5	
PID BEFORE SAMPLE (PPM):	0.0	
SAMPLE START TIME:	9:35	
SAMPLE STOP TIME:	11:45	
TOTAL SAMPLE TIME (MIN):	130	**See Sample Location Plan**
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.0	
SAMPLE MOISTURE CONTENT:	-	
CAN SERIAL NUMBER:	706	
REGULATOR SERIAL NUMBER:	1415	
CAN START VACUUM PRESS. (" HG):	-31.14	
CAN STOP VACUUM PRESS. (" HG):	-4.3	

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV10_111125

PROJECT: Willoughby Conversion Project (1250 Willoughby Avenue)	**PROJECT NO.:** 170794301	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental	**INSTALLATION DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION FOREMAN: Mike Kolasinski	**SAMPLE DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION EQUIPMENT: Geoprobe® 66 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Lilah Willis	**SAMPLER:** Lilah Willis	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 32 F; Wind: 7-19 mph W; Precipitation: None; Pressure: 29.86	

METHOD OF INSTALLATION AND PURGING:
Advance Geoprobe 66 DT to 12 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 11 feet bgs, seal with hydrated bentonite to 10 feet bgs, backfill with No. 2 sand to 1 foot bgs, and seal to surface with hydrated bentonite.

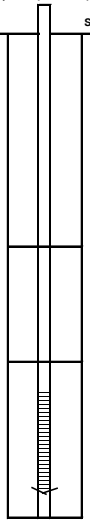
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Teflon	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-Inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00
PURGE FLOW RATE (ML/MIN):	200
PID AFTER PURGE (PPM):	0

HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	16.2%	18.3%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%

SAMPLE START TIME:	13:42
SAMPLE STOP TIME:	3:42:00 PM
TOTAL SAMPLE TIME (MIN):	120
REGULATOR FLOW RATE (L/MIN):	0.05
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	23994
REGULATOR SERIAL NUMBER:	13559
CAN START VACUUM PRESS. (" HG):	-30
CAN STOP VACUUM PRESS. (" HG):	-8

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	**NOTES**
Top of Seal	10.00	
Top of Pack	11.00	
Probe Depth	12.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV11_111125

PROJECT: Willoughby Conversion Project (1250 Willoughby Avenue)	**PROJECT NO.:** 170794301	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental	**INSTALLATION DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION FOREMAN: Mike Kolasinski	**SAMPLE DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION EQUIPMENT: Geoprobe® 66 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Lilah Willis	**SAMPLER:** Lilah Willis	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 32 F; Wind: 7-19 mph W; Precipitation: None; Pressure: 29.86	

METHOD OF INSTALLATION AND PURGING:
Advance Geoprobe 66 DT to 12 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 11 feet bgs, seal with hydrated bentonite to 10 feet bgs, backfill with No. 2 sand to 1 foot bgs, and seal to surface with hydrated bentonite.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Teflon	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.3	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	16.6%	17.9%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	13:43	
SAMPLE STOP TIME:	15:36	
TOTAL SAMPLE TIME (MIN):	113	
REGULATOR FLOW RATE (L/MIN):	0.053	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	41840	
REGULATOR SERIAL NUMBER:	19415	
CAN START VACUUM PRESS. (" HG):	-28	
CAN STOP VACUUM PRESS. (" HG):	-4	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	10.00	
Top of Pack	11.00	
Probe Depth	12.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV13_111125

PROJECT: Willoughby Conversion Project (1250 Willoughby Avenue)	**PROJECT NO.:** 170794301	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental	**INSTALLATION DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION FOREMAN: Mike Kolasinski	**SAMPLE DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION EQUIPMENT: Geoprobe® 66 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Lilah Willis	**SAMPLER:** Lilah Willis	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 32 F; Wind: 7-19 mph W; Precipitation: None; Pressure: 29.86	

METHOD OF INSTALLATION AND PURGING:
Advance Geoprobe 66 DT to 12 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 11 feet bgs, seal with hydrated bentonite to 10 feet bgs, backfill with No. 2 sand to 1 foot bgs, and seal to surface with hydrated bentonite.

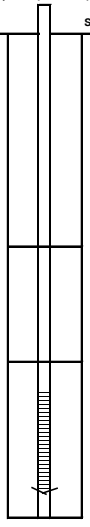
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Teflon	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00
PURGE FLOW RATE (ML/MIN):	200
PID AFTER PURGE (PPM):	0.2

HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	18.4%	15.5%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%

SAMPLE START TIME:	13:44
SAMPLE STOP TIME:	15:35
TOTAL SAMPLE TIME (MIN):	111
REGULATOR FLOW RATE (L/MIN):	0.054
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.2
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	23797
REGULATOR SERIAL NUMBER:	20955
CAN START VACUUM PRESS. (" HG):	-28
CAN STOP VACUUM PRESS. (" HG):	-5

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	**NOTES**
Top of Seal	10.00	
Top of Pack	11.00	
Probe Depth	12.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV15_111125

PROJECT: Willoughby Conversion Project (1250 Willoughby Avenue)	**PROJECT NO.:** 170794301	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental	**INSTALLATION DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION FOREMAN: Mike Kolasinski	**SAMPLE DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSTALLATION EQUIPMENT: Geoprobe® 66 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Lilah Willis	**SAMPLER:** Lilah Willis	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 32 F; Wind: 7-19 mph W; Precipitation: None; Pressure: 29.86	

METHOD OF INSTALLATION AND PURGING:
Advance Geoprobe 66 DT to 12 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 11 feet bgs, seal with hydrated bentonite to 10 feet bgs, backfill with No. 2 sand to 1 foot bgs, and seal to surface with hydrated bentonite.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Teflon	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	15.7%	16.3%
HELIUM TEST IN TUBE (PPM):	0.0%	0.0%
SAMPLE START TIME:	13:41	
SAMPLE STOP TIME:	15:30	
TOTAL SAMPLE TIME (MIN):	109	
REGULATOR FLOW RATE (L/MIN):	0.055	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	28307	
REGULATOR SERIAL NUMBER:	20416	
CAN START VACUUM PRESS. (" HG):	-28	
CAN STOP VACUUM PRESS. (" HG):	-4	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	10.00	
Top of Pack	11.00	
Probe Depth	12.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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AIR SAMPLING LOG SHEET

Sample Number: AA02_111125

PROJECT: Willoughby Conversion Project (1250 Willoughby Avenue)	**PROJECT NO.:** 170794301	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A	
SAMPLER: Lilah Willis	**SAMPLE DATE STARTED:** 11/11/2025	**DATE FINISHED:** 11/11/2025
INSPECTOR: Lilah Willis	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	32 F
	Wind:	7-19 mph W
	Precipitation:	None
	Pressure:	29.86

METHOD OF INSTALLATION AND SAMPLING:

EXAMPLE TEXT: Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS	
HEIGHT ABOVE GROUND (FT):	3 ft
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	13:45
SAMPLE STOP TIME:	15:05
TOTAL SAMPLE TIME (MIN):	80
REGULATOR FLOW RATE (L/MIN):	0.075
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	17347
REGULATOR SERIAL NUMBER:	20238
CAN START VACUUM PRESS. (" HG):	-25.5
CAN STOP VACUUM PRESS. (" HG):	-5.5

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

APPENDIX F

Photograph Log



Photo 1: Lakewood advancing boring in the southern part of the site (facing southeast)



Photo 2: Lakewood preclearing boring via hand auger (facing south)



Photo 3: Lakewood advancing boring in the northwestern part of the site (facing west)



Photo 4: View of Lakewood installing monitoring well MW11 (facing east)



Photo 5: Lakewood advancing boring in the eastern part of the site (facing east)



Photo 6: Helium shroud testing and sampling at soil vapor sample point SV15 (facing north)



Photo 7: Lakewood developing MW11 at the western part of the site (facing north)



Photo 8: Finished well MW13 in the northeastern part of the site (facing east)



Photo 9: 55-gallon drum in the northwestern part of the site storing groundwater development water (facing west)



Photo 10: Langan conducting groundwater sampling at MW15 in the northeastern part of the site (facing east)



Photo 11: Langan conducting groundwater sampling at MW11 in the eastern part of the site (facing south)



Photo 12: Purged water at MW11 in the eastern part of the site (facing south)

APPENDIX G

Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2470706
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Albert Tashji
Phone:	(212) 479-5400
Project Name:	1250 WILLOUGHBY AVE
Project Number:	170794301
Report Date:	12/10/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2470706-01	SB01_11-12	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 10:50	12/03/24
L2470706-02	SB02_11.5-12.5	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 12:10	12/03/24
L2470706-03	SB01_1-2	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 13:55	12/03/24
L2470706-04	SB02_2-3	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 14:05	12/03/24
L2470706-05	SB03_3-4	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 14:30	12/03/24
L2470706-06	SB03_10.5-11.5	SOIL	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 15:00	12/03/24

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470706
Project Number:	170794301	**Report Date:**	12/10/24

Case Narrative

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

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

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

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

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

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

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706
Project Number: 170794301 **Report Date:** 12/10/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2470706-05: The collection date and time on the chain of custody was 03-DEC-24 14:30; however, the collection date/time on the container label was 03-DEC-24 15:10. At the client's request, the collection date/time is reported as 03-DEC-24 14:30.

Total Metals

L2470706-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2006810-3 MS recoveries for aluminum (420%), calcium (0%), copper (0%), iron (274%), lead (0%), manganese (323%) and zinc (177%), performed on L2470706-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG2006810-3 MS recoveries, performed on L2470706-01, are outside the acceptance criteria for arsenic (157%), chromium (126%). A post digestion spike was performed and was within acceptance criteria.

The WG2006810-4 Laboratory Duplicate RPDs for aluminum (32%), arsenic (34%), barium (32%), chromium (27%), copper (182%), lead (119%), magnesium (25%) and zinc (32%), performed on L2470706-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature:  Caitlin Walukevich

Title: Technical Director/Representative Date: 12/10/24

ORGANICS

VOLATILES

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01
Client ID: SB01_11-12
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 10:50
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 12:47
Analyst: AJK
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01 Date Collected: 12/03/24 10:50

Client ID: SB01_11-12 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.6	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01 Date Collected: 12/03/24 10:50

Client ID: SB01_11-12 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	112		70-130

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02
Client ID: SB02_11.5-12.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 12:10
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 13:13
Analyst: AJK
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.24	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02 Date Collected: 12/03/24 12:10

Client ID: SB02_11.5-12.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.30	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02 Date Collected: 12/03/24 12:10

Client ID: SB02_11.5-12.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	115		70-130

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03
Client ID: SB01_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 13:55
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 13:39
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03 Date Collected: 12/03/24 13:55

Client ID: SB01_1-2 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03 Date Collected: 12/03/24 13:55

Client ID: SB01_1-2 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	113		70-130

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04
Client ID: SB02_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 14:05
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 14:05
Analyst: AJK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04 Date Collected: 12/03/24 14:05

Client ID: SB02_2-3 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	6.1	J	ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04 Date Collected: 12/03/24 14:05

Client ID: SB02_2-3 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	113		70-130

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05
Client ID: SB03_3-4
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 14:30
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 14:31
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.44	1
Ethylbenzene	ND		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05 Date Collected: 12/03/24 14:30

Client ID: SB03_3-4 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
Xylenes, Total	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.82	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.19	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	23		ug/kg	8.2	3.9	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	3.9	J	ug/kg	8.2	1.8	1
Vinyl acetate	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.2	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.82	0.14	1
sec-Butylbenzene	ND		ug/kg	0.82	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.82	0.09	1
Naphthalene	ND		ug/kg	3.3	0.53	1
Acrylonitrile	ND		ug/kg	3.3	0.94	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05 Date Collected: 12/03/24 14:30

Client ID: SB03_3-4 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.82	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.27	1
1,4-Dioxane	ND		ug/kg	65	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	114		70-130

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06
Client ID: SB03_10.5-11.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY

Date Collected: 12/03/24 15:00
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 14:57
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06 Date Collected: 12/03/24 15:00

Client ID: SB03_10.5-11.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.32	1
p/m-Xylene	ND		ug/kg	3.1	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.1	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06 Date Collected: 12/03/24 15:00

Client ID: SB03_10.5-11.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	116		70-130

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2007266-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2007266-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2007266-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2007266-3 WG2007266-4								
Methylene chloride	99		100		70-130	1		30
1,1-Dichloroethane	117		116		70-130	1		30
Chloroform	111		110		70-130	1		30
Carbon tetrachloride	109		108		70-130	1		30
1,2-Dichloropropane	114		115		70-130	1		30
Dibromochloromethane	109		110		70-130	1		30
1,1,2-Trichloroethane	112		116		70-130	4		30
Tetrachloroethene	107		104		70-130	3		30
Chlorobenzene	108		106		70-130	2		30
Trichlorofluoromethane	128		127		70-139	1		30
1,2-Dichloroethane	112		115		70-130	3		30
1,1,1-Trichloroethane	110		110		70-130	0		30
Bromodichloromethane	111		111		70-130	0		30
trans-1,3-Dichloropropene	121		122		70-130	1		30
cis-1,3-Dichloropropene	117		119		70-130	2		30
1,1-Dichloropropene	118		117		70-130	1		30
Bromoform	106		108		70-130	2		30
1,1,2,2-Tetrachloroethane	114		116		70-130	2		30
Benzene	111		110		70-130	1		30
Toluene	110		108		70-130	2		30
Ethylbenzene	113		111		70-130	2		30
Chloromethane	**132**	Q	130		52-130	2		30
Bromomethane	146		145		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2007266-3 WG2007266-4								
Vinyl chloride	127		125		67-130	2		30
Chloroethane	143		141		50-151	1		30
1,1-Dichloroethene	110		110		65-135	0		30
trans-1,2-Dichloroethene	108		107		70-130	1		30
Trichloroethene	109		111		70-130	2		30
1,2-Dichlorobenzene	109		107		70-130	2		30
1,3-Dichlorobenzene	112		109		70-130	3		30
1,4-Dichlorobenzene	108		106		70-130	2		30
Methyl tert butyl ether	116		121		66-130	4		30
p/m-Xylene	114		112		70-130	2		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	108		106		70-130	2		30
Dibromomethane	108		110		70-130	2		30
Styrene	112		111		70-130	1		30
Dichlorodifluoromethane	135		134		30-146	1		30
Acetone	102		115		54-140	12		30
Carbon disulfide	115		114		59-130	1		30
2-Butanone	106		115		70-130	8		30
Vinyl acetate	114		120		70-130	5		30
4-Methyl-2-pentanone	99		106		70-130	7		30
1,2,3-Trichloropropane	116		118		68-130	2		30
2-Hexanone	103		107		70-130	4		30
Bromochloromethane	102		107		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2007266-3 WG2007266-4								
2,2-Dichloropropane	117		116		70-130	1		30
1,2-Dibromoethane	111		113		70-130	2		30
1,3-Dichloropropane	113		114		69-130	1		30
1,1,1,2-Tetrachloroethane	106		106		70-130	0		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	130		127		70-130	2		30
sec-Butylbenzene	120		116		70-130	3		30
tert-Butylbenzene	114		109		70-130	4		30
o-Chlorotoluene	120		116		70-130	3		30
p-Chlorotoluene	119		114		70-130	4		30
1,2-Dibromo-3-chloropropane	92		95		68-130	3		30
Hexachlorobutadiene	100		96		67-130	4		30
Isopropylbenzene	117		113		70-130	3		30
p-Isopropyltoluene	119		114		70-130	4		30
Naphthalene	102		105		70-130	3		30
Acrylonitrile	113		124		70-130	9		30
n-Propylbenzene	123		118		70-130	4		30
1,2,3-Trichlorobenzene	105		106		70-130	1		30
1,2,4-Trichlorobenzene	108		106		70-130	2		30
1,3,5-Trimethylbenzene	116		111		70-130	4		30
1,2,4-Trimethylbenzene	117		113		70-130	3		30
1,4-Dioxane	98		95		65-136	3		30
p-Diethylbenzene	119		117		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2007266-3 WG2007266-4								
p-Ethyltoluene	118		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	115		112		70-130	3		30
Ethyl ether	119		121		67-130	2		30
trans-1,4-Dichloro-2-butene	114		117		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		116		70-130
Toluene-d8	111		110		70-130
4-Bromofluorobenzene	112		112		70-130
Dibromofluoromethane	109		110		70-130

SEMIVOLATILES

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01
Client ID: SB01_11-12
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 10:50
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 02:34
Analyst: EK
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	27.	1
Hexachlorobenzene	ND		ug/kg	140	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	32.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
1,2-Dichlorobenzene	ND		ug/kg	240	43.	1
1,3-Dichlorobenzene	ND		ug/kg	240	41.	1
1,4-Dichlorobenzene	ND		ug/kg	240	42.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	64.	1
2,4-Dinitrotoluene	ND		ug/kg	240	48.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Fluoranthene	59	J	ug/kg	140	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	41.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	690	220	1
Hexachloroethane	ND		ug/kg	190	39.	1
Isophorone	ND		ug/kg	220	31.	1
Naphthalene	ND		ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	220	36.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	83.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	82.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01 Date Collected: 12/03/24 10:50

Client ID: SB01_11-12 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Benzo(a)anthracene	41	J	ug/kg	140	27.	1
Benzo(a)pyrene	ND		ug/kg	190	59.	1
Benzo(b)fluoranthene	90	J	ug/kg	140	40.	1
Benzo(k)fluoranthene	ND		ug/kg	140	38.	1
Chrysene	53	J	ug/kg	140	25.	1
Acenaphthylene	ND		ug/kg	190	37.	1
Anthracene	ND		ug/kg	140	47.	1
Benzo(ghi)perylene	44	J	ug/kg	190	28.	1
Fluorene	ND		ug/kg	240	23.	1
Phenanthrene	48	J	ug/kg	140	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	44	J	ug/kg	190	33.	1
Pyrene	52	J	ug/kg	140	24.	1
Biphenyl	ND		ug/kg	550	31.	1
4-Chloroaniline	ND		ug/kg	240	44.	1
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	99.	1
Dibenzofuran	ND		ug/kg	240	23.	1
2-Methylnaphthalene	ND		ug/kg	290	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	46.	1
p-Chloro-m-cresol	ND		ug/kg	240	36.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	220	39.	1
2,4-Dimethylphenol	ND		ug/kg	240	79.	1
2-Nitrophenol	ND		ug/kg	520	90.	1
4-Nitrophenol	ND		ug/kg	340	98.	1
2,4-Dinitrophenol	ND		ug/kg	1200	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	120	1
Pentachlorophenol	ND		ug/kg	190	53.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	38.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01 Date Collected: 12/03/24 10:50

Client ID: SB01_11-12 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Benzoic Acid	ND		ug/kg	780	240	1
Benzyl Alcohol	ND		ug/kg	240	74.	1
Carbazole	ND		ug/kg	240	23.	1
1,4-Dioxane	ND		ug/kg	36	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02
Client ID: SB02_11.5-12.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY

Date Collected: 12/03/24 12:10
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 03:45
Analyst: EK
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	320		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	28	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02 Date Collected: 12/03/24 12:10

Client ID: SB02_11.5-12.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	130	J	ug/kg	140	26.	1
Benzo(a)pyrene	130	J	ug/kg	180	56.	1
Benzo(b)fluoranthene	150		ug/kg	140	39.	1
Benzo(k)fluoranthene	53	J	ug/kg	140	37.	1
Chrysene	130	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	48	J	ug/kg	140	45.	1
Benzo(ghi)perylene	86	J	ug/kg	180	27.	1
Fluorene	28	J	ug/kg	230	22.	1
Phenanthrene	270		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	180	32.	1
Pyrene	280		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	86.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02 Date Collected: 12/03/24 12:10

Client ID: SB02_11.5-12.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03
Client ID: SB01_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 13:55
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 08:27
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1400		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	49	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03 Date Collected: 12/03/24 13:55

Client ID: SB01_1-2 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	680		ug/kg	110	21.	1
Benzo(a)pyrene	580		ug/kg	150	46.	1
Benzo(b)fluoranthene	730		ug/kg	110	32.	1
Benzo(k)fluoranthene	250		ug/kg	110	30.	1
Chrysene	680		ug/kg	110	19.	1
Acenaphthylene	81	J	ug/kg	150	29.	1
Anthracene	230		ug/kg	110	36.	1
Benzo(ghi)perylene	390		ug/kg	150	22.	1
Fluorene	75	J	ug/kg	190	18.	1
Phenanthrene	1000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	94	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	150	26.	1
Pyrene	1200		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	59	J	ug/kg	190	18.	1
2-Methylnaphthalene	24	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03 Date Collected: 12/03/24 13:55

Client ID: SB01_1-2 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	120	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04
Client ID: SB02_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 14:05
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 02:58
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	350		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04 Date Collected: 12/03/24 14:05

Client ID: SB02_2-3 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	160		ug/kg	120	23.	1
Benzo(a)pyrene	150	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	180		ug/kg	120	34.	1
Benzo(k)fluoranthene	68	J	ug/kg	120	32.	1
Chrysene	170		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	52	J	ug/kg	120	39.	1
Benzo(ghi)perylene	86	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	240		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	81	J	ug/kg	160	28.	1
Pyrene	310		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04 Date Collected: 12/03/24 14:05

Client ID: SB02_2-3 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	83		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05
Client ID: SB03_3-4
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY

Date Collected: 12/03/24 14:30
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 06:06
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1600		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	110	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05 Date Collected: 12/03/24 14:30

Client ID: SB03_3-4 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	670		ug/kg	110	20.	1
Benzo(a)pyrene	560		ug/kg	140	44.	1
Benzo(b)fluoranthene	700		ug/kg	110	30.	1
Benzo(k)fluoranthene	220		ug/kg	110	29.	1
Chrysene	610		ug/kg	110	19.	1
Acenaphthylene	85	J	ug/kg	140	28.	1
Anthracene	470		ug/kg	110	35.	1
Benzo(ghi)perylene	270		ug/kg	140	21.	1
Fluorene	230		ug/kg	180	17.	1
Phenanthrene	1700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	140	25.	1
Pyrene	1300		ug/kg	110	18.	1
Biphenyl	23	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	150	J	ug/kg	180	17.	1
2-Methylnaphthalene	84	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05 Date Collected: 12/03/24 14:30

Client ID: SB03_3-4 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	140	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06
Client ID: SB03_10.5-11.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY

Date Collected: 12/03/24 15:00
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/07/24 03:22
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	41	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06 Date Collected: 12/03/24 15:00

Client ID: SB03_10.5-11.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	24	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	23	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	24	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	37	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06 Date Collected: 12/03/24 15:00

Client ID: SB03_10.5-11.5 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/07/24 00:13
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2005896-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/07/24 00:13
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2005896-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/07/24 00:13
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 12/05/24 23:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2005896-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	85		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2005896-2 WG2005896-3								
Acenaphthene	81		81		31-137	0		50
1,2,4-Trichlorobenzene	78		78		38-107	0		50
Hexachlorobenzene	76		79		40-140	4		50
Bis(2-chloroethyl)ether	84		88		40-140	5		50
2-Chloronaphthalene	78		80		40-140	3		50
1,2-Dichlorobenzene	76		79		40-140	4		50
1,3-Dichlorobenzene	77		78		40-140	1		50
1,4-Dichlorobenzene	76		76		28-104	0		50
3,3'-Dichlorobenzidine	59		58		40-140	2		50
2,4-Dinitrotoluene	88		91		40-132	3		50
2,6-Dinitrotoluene	86		85		40-140	1		50
Fluoranthene	89		85		40-140	5		50
4-Chlorophenyl phenyl ether	77		80		40-140	4		50
4-Bromophenyl phenyl ether	77		77		40-140	0		50
Bis(2-chloroisopropyl)ether	97		109		40-140	12		50
Bis(2-chloroethoxy)methane	84		89		40-117	6		50
Hexachlorobutadiene	73		72		40-140	1		50
Hexachlorocyclopentadiene	84		87		40-140	4		50
Hexachloroethane	79		82		40-140	4		50
Isophorone	81		87		40-140	7		50
Naphthalene	78		80		40-140	3		50
Nitrobenzene	86		93		40-140	8		50
NDPA/DPA	79		81		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2005896-2 WG2005896-3								
n-Nitrosodi-n-propylamine	84		89		32-121	6		50
Bis(2-ethylhexyl)phthalate	99		99		40-140	0		50
Butyl benzyl phthalate	104		104		40-140	0		50
Di-n-butylphthalate	88		90		40-140	2		50
Di-n-octylphthalate	105		103		40-140	2		50
Diethyl phthalate	78		83		40-140	6		50
Dimethyl phthalate	77		79		40-140	3		50
Benzo(a)anthracene	82		82		40-140	0		50
Benzo(a)pyrene	89		87		40-140	2		50
Benzo(b)fluoranthene	82		87		40-140	6		50
Benzo(k)fluoranthene	89		80		40-140	11		50
Chrysene	81		79		40-140	3		50
Acenaphthylene	84		85		40-140	1		50
Anthracene	81		85		40-140	5		50
Benzo(ghi)perylene	93		88		40-140	6		50
Fluorene	78		82		40-140	5		50
Phenanthrene	80		81		40-140	1		50
Dibenzo(a,h)anthracene	92		87		40-140	6		50
Indeno(1,2,3-cd)pyrene	90		88		40-140	2		50
Pyrene	83		83		35-142	0		50
Biphenyl	80		81		37-127	1		50
4-Chloroaniline	61		64		40-140	5		50
2-Nitroaniline	94		91		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2005896-2 WG2005896-3								
3-Nitroaniline	50		52		26-129	4		50
4-Nitroaniline	77		82		41-125	6		50
Dibenzofuran	80		81		40-140	1		50
2-Methylnaphthalene	70		73		40-140	4		50
1,2,4,5-Tetrachlorobenzene	79		82		40-117	4		50
Acetophenone	84		88		14-144	5		50
2,4,6-Trichlorophenol	77		75		30-130	3		50
p-Chloro-m-cresol	86		87		26-103	1		50
2-Chlorophenol	82		83		25-102	1		50
2,4-Dichlorophenol	82		82		30-130	0		50
2,4-Dimethylphenol	88		91		30-130	3		50
2-Nitrophenol	92		95		30-130	3		50
4-Nitrophenol	**117**	Q	**120**	Q	11-114	3		50
2,4-Dinitrophenol	97		91		4-130	6		50
4,6-Dinitro-o-cresol	103		104		10-130	1		50
Pentachlorophenol	72		70		17-109	3		50
Phenol	81		83		26-90	2		50
2-Methylphenol	84		87		30-130.	4		50
3-Methylphenol/4-Methylphenol	88		91		30-130	3		50
2,4,5-Trichlorophenol	85		81		30-130	5		50
Benzoic Acid	62		56		10-110	10		50
Benzyl Alcohol	87		92		40-140	6		50
Carbazole	87		84		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2005896-2 WG2005896-3								
1,4-Dioxane	66		59		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		86		25-120
Phenol-d6	87		87		10-120
Nitrobenzene-d5	87		90		23-120
2-Fluorobiphenyl	77		76		30-120
2,4,6-Tribromophenol	80		78		10-136
4-Terphenyl-d14	84		82		18-120

METALS

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01
Client ID: SB01_11-12
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 10:50
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7530		mg/kg	11.0	2.97	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Antimony, Total	1.25	J	mg/kg	5.50	0.418	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Arsenic, Total	20.4		mg/kg	1.10	0.229	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Barium, Total	391		mg/kg	1.10	0.191	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.533	J	mg/kg	0.550	0.036	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.210	J	mg/kg	1.10	0.108	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Calcium, Total	17100		mg/kg	11.0	3.85	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Chromium, Total	21.0		mg/kg	1.10	0.106	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.97		mg/kg	2.20	0.182	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Copper, Total	1680		mg/kg	1.10	0.284	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Iron, Total	12600		mg/kg	5.50	0.993	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Lead, Total	2010		mg/kg	5.50	0.295	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Magnesium, Total	1030		mg/kg	11.0	1.69	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Manganese, Total	255		mg/kg	1.10	0.175	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Mercury, Total	1.51		mg/kg	0.112	0.073	1	12/09/24 14:03	12/10/24 07:37	EPA 7471B	1,7471B	JWN
Nickel, Total	14.2		mg/kg	2.75	0.266	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Potassium, Total	577		mg/kg	275	15.8	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Selenium, Total	1.12	J	mg/kg	2.20	0.284	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Silver, Total	0.332	J	mg/kg	0.550	0.311	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Sodium, Total	310		mg/kg	220	3.46	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Thallium, Total	0.569	J	mg/kg	2.20	0.346	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.7		mg/kg	1.10	0.223	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
Zinc, Total	294		mg/kg	5.50	0.322	2	12/09/24 13:23	12/09/24 19:51	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	21.0		mg/kg	1.16	0.231	1		12/09/24 19:51	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02
Client ID: SB02_11.5-12.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 12:10
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4860		mg/kg	11.1	3.01	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Antimony, Total	3.87	J	mg/kg	5.57	0.423	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Arsenic, Total	21.7		mg/kg	1.11	0.232	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Barium, Total	359		mg/kg	1.11	0.194	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.387	J	mg/kg	0.557	0.037	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.482	J	mg/kg	1.11	0.109	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Calcium, Total	12500		mg/kg	11.1	3.90	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Chromium, Total	16.7		mg/kg	1.11	0.107	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.2		mg/kg	2.23	0.185	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Copper, Total	3270		mg/kg	2.23	0.575	4	12/09/24 13:23	12/09/24 20:34	EPA 3050B	1,6010D	DHL
Iron, Total	25700		mg/kg	5.57	1.00	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Lead, Total	723		mg/kg	5.57	0.298	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Magnesium, Total	796		mg/kg	11.1	1.72	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Manganese, Total	146		mg/kg	1.11	0.177	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Mercury, Total	2.81		mg/kg	0.116	0.075	1	12/09/24 14:03	12/10/24 07:41	EPA 7471B	1,7471B	JWN
Nickel, Total	63.0		mg/kg	2.78	0.270	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Potassium, Total	505		mg/kg	278	16.0	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Selenium, Total	2.54		mg/kg	2.23	0.287	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Silver, Total	3.65		mg/kg	0.557	0.315	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Sodium, Total	218	J	mg/kg	223	3.51	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Thallium, Total	0.475	J	mg/kg	2.23	0.351	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.2		mg/kg	1.11	0.226	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
Zinc, Total	672		mg/kg	5.57	0.326	2	12/09/24 13:23	12/09/24 18:40	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	16.7		mg/kg	1.12	0.224	1		12/09/24 18:40	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03
Client ID: SB01_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 13:55
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5480		mg/kg	8.85	2.39	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.42	0.336	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.36		mg/kg	0.885	0.184	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Barium, Total	94.8		mg/kg	0.885	0.154	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.404	J	mg/kg	0.442	0.029	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.158	J	mg/kg	0.885	0.087	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Calcium, Total	5610		mg/kg	8.85	3.10	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Chromium, Total	14.7		mg/kg	0.885	0.085	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.14		mg/kg	1.77	0.147	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Copper, Total	34.3		mg/kg	0.885	0.228	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Iron, Total	18500		mg/kg	4.42	0.799	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Lead, Total	183		mg/kg	4.42	0.237	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Magnesium, Total	3080		mg/kg	8.85	1.36	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Manganese, Total	427		mg/kg	0.885	0.141	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Mercury, Total	0.721		mg/kg	0.084	0.055	1	12/09/24 14:03	12/10/24 07:44	EPA 7471B	1,7471B	JWN
Nickel, Total	14.8		mg/kg	2.21	0.214	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Potassium, Total	728		mg/kg	221	12.7	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.228	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.442	0.250	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Sodium, Total	62.0	J	mg/kg	177	2.79	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Thallium, Total	0.311	J	mg/kg	1.77	0.279	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Vanadium, Total	26.2		mg/kg	0.885	0.180	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
Zinc, Total	105		mg/kg	4.42	0.259	2	12/09/24 13:23	12/09/24 18:44	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14.7		mg/kg	0.908	0.182	1		12/09/24 18:44	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04
Client ID: SB02_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 14:05
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9970		mg/kg	9.69	2.62	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.84	0.368	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Arsenic, Total	7.00		mg/kg	0.969	0.202	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Barium, Total	59.4		mg/kg	0.969	0.168	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.693		mg/kg	0.484	0.032	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.969	0.095	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Calcium, Total	4710		mg/kg	9.69	3.39	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Chromium, Total	17.6		mg/kg	0.969	0.093	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.39		mg/kg	1.94	0.161	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Copper, Total	22.6		mg/kg	0.969	0.250	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Iron, Total	29000		mg/kg	4.84	0.875	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Lead, Total	62.4		mg/kg	4.84	0.260	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Magnesium, Total	2830		mg/kg	9.69	1.49	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Manganese, Total	821		mg/kg	0.969	0.154	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Mercury, Total	0.235		mg/kg	0.096	0.062	1	12/09/24 14:03	12/10/24 07:47	EPA 7471B	1,7471B	JWN
Nickel, Total	16.1		mg/kg	2.42	0.234	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Potassium, Total	699		mg/kg	242	14.0	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.94	0.250	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.484	0.274	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Sodium, Total	195		mg/kg	194	3.05	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Thallium, Total	0.338	J	mg/kg	1.94	0.305	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.7		mg/kg	0.969	0.197	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
Zinc, Total	58.7		mg/kg	4.84	0.284	2	12/09/24 13:23	12/09/24 18:47	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17.6		mg/kg	0.983	0.196	1		12/09/24 18:47	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05
Client ID: SB03_3-4
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 14:30
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6900		mg/kg	8.73	2.36	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.36	0.332	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.50		mg/kg	0.873	0.182	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Barium, Total	60.0		mg/kg	0.873	0.152	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.448		mg/kg	0.436	0.029	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.167	J	mg/kg	0.873	0.086	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Calcium, Total	1250		mg/kg	8.73	3.05	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Chromium, Total	17.0		mg/kg	0.873	0.084	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.13		mg/kg	1.74	0.145	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Copper, Total	37.8		mg/kg	0.873	0.225	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Iron, Total	19600		mg/kg	4.36	0.788	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Lead, Total	131		mg/kg	4.36	0.234	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Magnesium, Total	1600		mg/kg	8.73	1.34	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Manganese, Total	337		mg/kg	0.873	0.139	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Mercury, Total	0.850		mg/kg	0.085	0.055	1	12/09/24 14:03	12/10/24 07:57	EPA 7471B	1,7471B	JWN
Nickel, Total	11.9		mg/kg	2.18	0.211	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Potassium, Total	534		mg/kg	218	12.6	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Selenium, Total	0.418	J	mg/kg	1.74	0.225	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.436	0.247	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Sodium, Total	76.7	J	mg/kg	174	2.75	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Thallium, Total	0.380	J	mg/kg	1.74	0.275	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.0		mg/kg	0.873	0.177	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
Zinc, Total	94.5		mg/kg	4.36	0.256	2	12/09/24 13:23	12/09/24 18:51	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17.0		mg/kg	0.879	0.176	1		12/09/24 18:51	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470706
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06
Client ID: SB03_10.5-11.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 15:00
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4310		mg/kg	8.70	2.35	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.35	0.331	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.95		mg/kg	0.870	0.181	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Barium, Total	80.0		mg/kg	0.870	0.151	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.261	J	mg/kg	0.435	0.029	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.250	J	mg/kg	0.870	0.085	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Calcium, Total	1380		mg/kg	8.70	3.04	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Chromium, Total	12.8		mg/kg	0.870	0.084	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.49		mg/kg	1.74	0.144	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Copper, Total	26.2		mg/kg	0.870	0.224	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Iron, Total	12800		mg/kg	4.35	0.786	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Lead, Total	259		mg/kg	4.35	0.233	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Magnesium, Total	1320		mg/kg	8.70	1.34	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Manganese, Total	118		mg/kg	0.870	0.138	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Mercury, Total	0.862		mg/kg	0.079	0.051	1	12/09/24 14:03	12/10/24 08:01	EPA 7471B	1,7471B	JWN
Nickel, Total	7.97		mg/kg	2.18	0.210	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Potassium, Total	462		mg/kg	218	12.5	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Selenium, Total	1.05	J	mg/kg	1.74	0.224	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.435	0.246	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Sodium, Total	74.2	J	mg/kg	174	2.74	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.74	0.274	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Vanadium, Total	17.6		mg/kg	0.870	0.177	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
Zinc, Total	102		mg/kg	4.35	0.255	2	12/09/24 13:23	12/09/24 18:54	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12.8		mg/kg	0.909	0.182	1		12/09/24 18:54	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470706

Project Number: 170794301 **Report Date:** 12/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2006810-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Chromium, Total	0.174	J	mg/kg	0.400	0.038	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Iron, Total	1.30	J	mg/kg	2.00	0.361	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/09/24 13:23	12/09/24 19:33	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2006811-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/09/24 14:03	12/10/24 07:17	1,7471B	JWN

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006810-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	95		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	87		-		80-120	-		
Silver, Total	91		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006810-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006811-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006810-3 QC Sample: L2470706-01 Client ID: SB01_11-12												
Aluminum, Total	7530	219	8450	**420**	Q	-	-		75-125	-		20
Antimony, Total	1.25J	54.8	51.6	94		-	-		75-125	-		20
Arsenic, Total	20.4	13.2	41.1	**157**	Q	-	-		75-125	-		20
Barium, Total	391	219	659	122		-	-		75-125	-		20
Beryllium, Total	0.533J	5.48	6.19	113		-	-		75-125	-		20
Cadmium, Total	0.210J	5.81	5.61	96		-	-		75-125	-		20
Calcium, Total	17100	1100	16400	**0**	Q	-	-		75-125	-		20
Chromium, Total	21.0	21.9	48.7	**126**	Q	-	-		75-125	-		20
Cobalt, Total	5.97	54.8	59.2	97		-	-		75-125	-		20
Copper, Total	1680	27.4	415	**0**	Q	-	-		75-125	-		20
Iron, Total	12600	110	12900	**274**	Q	-	-		75-125	-		20
Lead, Total	2010	58.1	920	**0**	Q	-	-		75-125	-		20
Magnesium, Total	1030	1100	2180	105		-	-		75-125	-		20
Manganese, Total	255	54.8	432	**323**	Q	-	-		75-125	-		20
Nickel, Total	14.2	54.8	69.4	101		-	-		75-125	-		20
Potassium, Total	577	1100	1780	110		-	-		75-125	-		20
Selenium, Total	1.12J	13.2	13.0	99		-	-		75-125	-		20
Silver, Total	0.332J	5.48	5.77	105		-	-		75-125	-		20
Sodium, Total	310	1100	1460	105		-	-		75-125	-		20
Thallium, Total	0.569J	13.2	13.0	99		-	-		75-125	-		20
Vanadium, Total	28.7	54.8	86.7	106		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006810-3 QC Sample: L2470706-01 Client ID: SB01_11-12										
Zinc, Total	294	54.8	391	**177**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006811-3 QC Sample: L2470543-01 Client ID: MS Sample										
Mercury, Total	0.179	1.98	2.16	100		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006810-4 QC Sample: L2470706-01 Client ID: SB01_11-12						
Aluminum, Total	7530	5450	mg/kg	**32**	Q	20
Antimony, Total	1.25J	ND	mg/kg	NC		20
Arsenic, Total	20.4	14.4	mg/kg	**34**	Q	20
Barium, Total	391	282	mg/kg	**32**	Q	20
Beryllium, Total	0.533J	0.433J	mg/kg	NC		20
Cadmium, Total	0.210J	0.202J	mg/kg	NC		20
Calcium, Total	17100	14700	mg/kg	15		20
Chromium, Total	21.0	16.0	mg/kg	**27**	Q	20
Cobalt, Total	5.97	5.29	mg/kg	12		20
Copper, Total	1680	79.5	mg/kg	**182**	Q	20
Iron, Total	12600	10800	mg/kg	15		20
Lead, Total	2010	514	mg/kg	**119**	Q	20
Magnesium, Total	1030	802	mg/kg	**25**	Q	20
Manganese, Total	255	254	mg/kg	0		20
Nickel, Total	14.2	11.7	mg/kg	19		20
Potassium, Total	577	601	mg/kg	4		20
Selenium, Total	1.12J	0.705J	mg/kg	NC		20
Silver, Total	0.332J	ND	mg/kg	NC		20
Sodium, Total	310	262	mg/kg	17		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006810-4 QC Sample: L2470706-01 Client ID: SB01_11-12						
Thallium, Total	0.569J	0.400J	mg/kg	NC		20
Vanadium, Total	28.7	26.0	mg/kg	10		20
Zinc, Total	294	212	mg/kg	**32**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006811-4 QC Sample: L2470543-01 Client ID: DUP Sample						
Mercury, Total	0.179	0.156	mg/kg	14		20

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006810-6 QC Sample: L2470706-01 Client ID: SB01_11-12						
Aluminum, Total	7530	8010	mg/kg	6		20
Barium, Total	391	416	mg/kg	6		20
Calcium, Total	17100	18500	mg/kg	8		20
Copper, Total	1680	1830	mg/kg	9		20
Iron, Total	12600	13800	mg/kg	10		20
Lead, Total	2010	2090	mg/kg	4		20
Magnesium, Total	1030	1100	mg/kg	7		20
Manganese, Total	255	273	mg/kg	7		20
Vanadium, Total	28.7	29.9	mg/kg	4		20
Zinc, Total	294	304	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-01
Client ID: SB01_11-12
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 12/03/24 10:50
Date Received: 12/03/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.2		%	0.100	NA	1	-	12/04/24 13:03	121,2540G	ROI
Cyanide, Total	0.32	J	mg/kg	1.3	0.28	1	12/06/24 21:30	12/09/24 14:17	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.16	0.231	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-02
Client ID: SB02_11.5-12.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/03/24 12:10
Date Received: 12/03/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.3		%	0.100	NA	1	-	12/04/24 13:03	121,2540G	ROI
Cyanide, Total	0.38	J	mg/kg	1.3	0.28	1	12/06/24 21:30	12/09/24 14:18	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.12	0.224	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-03
Client ID: SB01_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 13:55
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	12/04/24 13:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/06/24 21:30	12/09/24 14:39	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-04
Client ID: SB02_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 12/03/24 14:05
Date Received: 12/03/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	12/04/24 13:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	12/06/24 21:30	12/09/24 14:42	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.983	0.196	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-05
Client ID: SB03_3-4
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 12/03/24 14:30
Date Received: 12/03/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/04/24 13:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	12/06/24 21:30	12/09/24 14:45	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.879	0.176	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470706-06
Client ID: SB03_10.5-11.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 15:00
Date Received: 12/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	12/04/24 13:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/06/24 21:30	12/09/24 14:46	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2006032-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	12/06/24 11:42	12/09/24 08:47	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG2006275-1										
Cyanide, Total	ND		mg/kg	0.83	0.18	1	12/06/24 21:30	12/09/24 13:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03-06 Batch: WG2006277-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	12/06/24 21:30	12/09/24 14:24	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2006032-2								
Chromium, Hexavalent	98		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2006275-2 WG2006275-3								
Cyanide, Total	81		93		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 03-06 Batch: WG2006277-2 WG2006277-3								
Cyanide, Total	95		96		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2006032-4 QC Sample: L2470706-06 Client ID: SB03_10.5-11.5												
Chromium, Hexavalent	ND	1250	1110	89		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2006275-4 WG2006275-5 QC Sample: L2471057-06 Client ID: MS Sample												
Cyanide, Total	ND	11	10	89		9.8	88		75-125	12		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2006275-6 WG2006275-7 QC Sample: L2470660-07 Client ID: MS Sample												
Cyanide, Total	ND	12	11	88		12	96		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG2006277-4 WG2006277-5 QC Sample: L2470706-03 Client ID: SB01_1-2												
Cyanide, Total	ND	11	8.8	80		9.8	93		75-125	12		35
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG2006277-6 WG2006277-7 QC Sample: L2470706-04 Client ID: SB02_2-3												
Cyanide, Total	ND	12	11	91		10	86		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2470706

Report Date: 12/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2005034-1 QC Sample: L2470648-01 Client ID: DUP Sample						
Solids, Total	89.5	89.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG2005043-1 QC Sample: L2470443-01 Client ID: DUP Sample						
Solids, Total	92.4	93.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2006032-6 QC Sample: L2470706-06 Client ID: SB03_10.5-11.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2470706-01A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-01B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-01C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-01D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2470706-01F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HEXCR-7196(30)
L2470706-02A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-02B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-02C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-02D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2470706-02F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HEXCR-7196(30)
L2470706-03A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-03B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2470706-03C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-03D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2470706-03F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2470706-04A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-04B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-04C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-04D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2470706-04F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HEXCR-7196(30)
L2470706-05A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-05B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-05C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-05D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2470706-05F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470706
Report Date: 12/10/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2470706-06A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2470706-06B	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-06C	Vial water preserved	A	NA		4.0	Y	Absent	04-DEC-24 09:12	NYTCL-8260HLW(14)
L2470706-06D	Plastic 120ml unpreserved	A	NA		4.0	Y	Absent		TS(7)
L2470706-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2470706-06F	Glass 120ml/4oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470706
Project Number:	170794301	**Report Date:**	12/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470706
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470706
Report Date: 12/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

L2470706 10DEC24
LANGAN – NYC

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 12/04/24

Client Information
Client: Langan
Address: 300 West 31st 8th Flor, NY, New York
Phone: 212-479-5508
Fax:
Email: atashji@langan.com

Project Information
Project Name: 1250 Willoughby Ave
Project Location: 1250 Willoughby Ave, Brooklyn, NY
Project #: 170794301
(Use Project name as Project #)
Project Manager: Albert Tashji
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
please include Hex/trivalent chromium and total Cyanide

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TCL Metals	Hex/Trivalent Chrom	Total Cyanide	Total Bottle	Sample Specific Comments
70706-01	SB01_11-12	12/3/24	10:50	Soil	SM	X	X	X	X	X		
02	SB02_11.5-12.5	12/3/24	12:10			X	X	X	X	X		
03	SB01_1-2	12/3/24	13:55			X	X	X	X	X		
04	SB02_2-3	12-3-24	1405			X	X	X	X	X		
05	SB03_3-4	12-3-24	1430			X	X	X	X	X		
06	SB03_10.5-11.5	12-3-24	1500			X	X	X	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Shawn Martin	12-3-24 16:17	[illegible]	12/3/24 16:17
[illegible] PACE	12/3/24 18:40	[illegible] PACE	12/3/24 1900
[illegible]	12/3/24	[illegible]	12/3/24 2140
[illegible]	12/4/24 0105	[illegible]	12/4/24 0105

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2470707
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Albert Tashji
Phone:	(212) 479-5400
Project Name:	1250 WILLOUGHBY AVE
Project Number:	170794301
Report Date:	12/10/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2470707-01	TWP01_120324	WATER	1250 WILLOUGHBY AVE, BROOKLYN, NY	12/03/24 15:35	12/03/24

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470707
Project Number:	170794301	**Report Date:**	12/10/24

Case Narrative

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

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

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

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

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

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

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470707
Project Number:	170794301	**Report Date:**	12/10/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

The analyses performed were specified by the client.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 12/10/24

ORGANICS

VOLATILES

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470707
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470707-01
Client ID: TWP01_120324
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 15:35
Date Received: 12/03/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/06/24 14:06
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	8.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470707

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470707-01 Date Collected: 12/03/24 15:35

Client ID: TWP01_120324 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470707

Project Number: 170794301 **Report Date:** 12/10/24

SAMPLE RESULTS

Lab ID: L2470707-01 Date Collected: 12/03/24 15:35

Client ID: TWP01_120324 Date Received: 12/03/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470707

Project Number: 170794301 **Report Date:** 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/06/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2006690-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/06/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2006690-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470707

Project Number: 170794301 **Report Date:** 12/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/06/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2006690-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2006690-3 WG2006690-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		90		63-132	4		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	98		97		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	99		94		62-150	5		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	98		92		67-130	6		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		93		70-130	7		20
Bromoform	96		97		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	80		77		39-139	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2006690-3 WG2006690-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	96		96		61-145	0		20
trans-1,2-Dichloroethene	97		94		70-130	3		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	98		96		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	96		99		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		98		70-130	12		20
Dibromomethane	96		96		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	100		110		70-130	10		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	91		86		36-147	6		20
Acetone	95		89		58-148	7		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	100		98		70-130	2		20
4-Methyl-2-pentanone	92		100		59-130	8		20
2-Hexanone	88		94		57-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2006690-3 WG2006690-4								
Bromochloromethane	96		95		70-130	1		20
2,2-Dichloropropane	98		92		63-133	6		20
1,2-Dibromoethane	97		99		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	99		98		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	90		90		41-144	0		20
Hexachlorobutadiene	87		89		63-130	2		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	100		99		70-130	1		20
Naphthalene	86		89		70-130	3		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	87		87		70-130	0		20
1,2,4-Trichlorobenzene	91		91		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	100		102		56-162	2		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2006690-3 WG2006690-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	92		93		70-130	1		20
Ethyl ether	120		110		59-134	9		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		107		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	106		104		70-130
Dibromofluoromethane	102		103		70-130

METALS

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2470707
Project Number: 170794301
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470707-01
Client ID: TWP01_120324
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 15:35
Date Received: 12/03/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
General Chemistry - Mansfield Lab											
Chromium, Trivalent (Filtered)	ND		mg/l	0.010	0.003	1		12/09/24 14:26	NA	107,-	
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00391	J	mg/l	0.0100	0.00327	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.05191		mg/l	0.00050	0.00017	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	71.1		mg/l	0.100	0.0394	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00047	J	mg/l	0.00100	0.00017	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00045	J	mg/l	0.00100	0.00038	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	10.6		mg/l	0.0700	0.0242	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1890		mg/l	0.00100	0.00044	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/09/24 22:51	12/10/24 07:11	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00136	J	mg/l	0.00200	0.00055	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	9.90		mg/l	0.100	0.0309	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	0.00623		mg/l	0.00500	0.00173	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	87.0		mg/l	0.500	0.0293	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/07/24 13:09	12/09/24 14:26	EPA 3005A	1,6020B	NTB

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2470707

Project Number: 170794301 **Report Date:** 12/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG2006207-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Sodium, Dissolved	0.0606	J	mg/l	0.500	0.0293	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/07/24 13:09	12/09/24 13:49	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG2006984-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/09/24 22:51	12/10/24 06:54	1,7470A	JWN

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2006207-2								
Aluminum, Dissolved	106		-		80-120	-		
Antimony, Dissolved	85		-		80-120	-		
Arsenic, Dissolved	99		-		80-120	-		
Barium, Dissolved	101		-		80-120	-		
Beryllium, Dissolved	101		-		80-120	-		
Cadmium, Dissolved	100		-		80-120	-		
Calcium, Dissolved	116		-		80-120	-		
Chromium, Dissolved	106		-		80-120	-		
Cobalt, Dissolved	103		-		80-120	-		
Copper, Dissolved	105		-		80-120	-		
Iron, Dissolved	107		-		80-120	-		
Lead, Dissolved	102		-		80-120	-		
Magnesium, Dissolved	105		-		80-120	-		
Manganese, Dissolved	101		-		80-120	-		
Nickel, Dissolved	102		-		80-120	-		
Potassium, Dissolved	110		-		80-120	-		
Selenium, Dissolved	99		-		80-120	-		
Silver, Dissolved	88		-		80-120	-		
Sodium, Dissolved	112		-		80-120	-		
Thallium, Dissolved	101		-		80-120	-		
Vanadium, Dissolved	103		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2006207-2					
Zinc, Dissolved	104	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2006984-2					
Mercury, Dissolved	88	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2006207-3 QC Sample: L2471424-05 Client ID: MS Sample												
Aluminum, Dissolved	0.013	2	2.14	106		-	-		75-125	-		20
Antimony, Dissolved	0.0025J	0.5	0.4306	86		-	-		75-125	-		20
Arsenic, Dissolved	0.0005J	0.12	0.1219	102		-	-		75-125	-		20
Barium, Dissolved	0.0308	2	2.056	101		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05000	100		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05189	98		-	-		75-125	-		20
Calcium, Dissolved	33.2	10	46.2	**130**	Q	-	-		75-125	-		20
Chromium, Dissolved	0.0002J	0.2	0.2078	104		-	-		75-125	-		20
Cobalt, Dissolved	ND	0.5	0.5099	102		-	-		75-125	-		20
Copper, Dissolved	0.00137	0.25	0.2610	104		-	-		75-125	-		20
Iron, Dissolved	0.121	1	1.16	104		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5185	98		-	-		75-125	-		20
Magnesium, Dissolved	7.31	10	18.0	107		-	-		75-125	-		20
Manganese, Dissolved	0.3461	0.5	0.8634	103		-	-		75-125	-		20
Nickel, Dissolved	0.0007J	0.5	0.4956	99		-	-		75-125	-		20
Potassium, Dissolved	4.22	10	15.4	112		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.117	98		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.04280	86		-	-		75-125	-		20
Sodium, Dissolved	78.8	10	92.0	**132**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1150	96		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.5144	103		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2006207-3 QC Sample: L2471424-05 Client ID: MS Sample									
Zinc, Dissolved	0.0172	0.5	0.5268	102	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2006984-3 WG2006984-4 QC Sample: L2471449-06 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00394	79	0.00399	80	75-125	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2470707

Report Date: 12/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2006207-4 QC Sample: L2471424-05 Client ID: DUP Sample						
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	0.00137	0.00121	mg/l	13		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

SAMPLE RESULTS

Lab ID: L2470707-01
Client ID: TWP01_120324
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN, NY
Date Collected: 12/03/24 15:35
Date Received: 12/03/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/09/24 12:00	12/09/24 12:46	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/04/24 11:40	12/04/24 11:55	1,7196A	KEM

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2005125-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/04/24 11:40	12/04/24 11:54	1,7196A	KEM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2006414-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/09/24 12:00	12/09/24 12:38	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2005125-2								
Chromium, Hexavalent	99		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2006414-2 WG2006414-3								
Cyanide, Total	104		96		85-115	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2005125-4 QC Sample: L2470707-01 Client ID: TWP01_120324												
Chromium, Hexavalent	ND	0.1	0.105	105		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2006414-4 WG2006414-5 QC Sample: L2471072-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.208	104		0.206	103		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2470707

Report Date: 12/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2005125-3 QC Sample: L2470707-01 Client ID: TWP01_120324						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2470707
Report Date: 12/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2470707-01A	Vial HCl preserved	A	NA		4.0	Y	Absent		NYTCL-8260(14)
L2470707-01B	Vial HCl preserved	A	NA		4.0	Y	Absent		NYTCL-8260(14)
L2470707-01C	Vial HCl preserved	A	NA		4.0	Y	Absent		NYTCL-8260(14)
L2470707-01D	Plastic 250ml HNO3 preserved	A	<2	<2	4.0	Y	Absent		V-6020S(180),SE-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2470707-01E	Plastic 250ml HNO3 preserved	A	<2	<2	4.0	Y	Absent		HOLD-METAL-TOTAL(180)
L2470707-01F	Plastic 250ml HNO3 preserved	A	<2	<2	4.0	Y	Absent		HOLD-METAL-TOTAL(180)
L2470707-01G	Plastic 250ml NaOH preserved	A	>12	>12	4.0	Y	Absent		TCN-9010(14)
L2470707-01H	Plastic 500ml unpreserved	A	6	6	4.0	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470707
Project Number:	170794301	**Report Date:**	12/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470707
Project Number:	170794301	**Report Date:**	12/10/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2470707
Project Number:	170794301	**Report Date:**	12/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2470707
Report Date: 12/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Calculation method.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

L2470707 10DEC24
LANGAN – NYC

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 12/04/24

Client Information
Client: Langan
Address: 380 West 31st 8th Floor, NY, New York
Phone: 212-479-5508
Fax:
Email: atashji@langan.com

Project Information
Project Name: 1250 W. Willoughby Ave
Project Location: 1250 Willoughby Ave, Brooklyn NY
Project # 170794301
(Use Project name as Project #)
Project Manager: Albert Tashji
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
dissolved metals has been field filtered

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TAL Metals	Hex/Trivalent Chrom	Total Cyanide					Total Bottle	Sample Specific Comments
70707-01	TW201_120324	12-3-24	1535	GW	SM	X	X	X	X						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-3-24 16:17	[signature]	12/3/24 16:17
[signature]	12/3/24 18:40	[signature]	12/3/24 1905
[signature]	12/3/24	[signature]	12/3/24 2146
[signature]	12/4/24 0105	[signature]	12/4/24 01:05

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2471057
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Albert Tashji
Phone:	(212) 479-5400
Project Name:	1250 WILLOUGHBY AVE
Project Number:	170794301
Report Date:	12/16/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2471057-01	SB04_0.5-1.5	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 08:48	12/04/24
L2471057-02	SB04_8-9	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 09:00	12/04/24
L2471057-03	SB05_1-2	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 10:15	12/04/24
L2471057-04	SB05_10-11	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 10:20	12/04/24
L2471057-05	SB06_2-3	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 11:15	12/04/24
L2471057-06	SB06_6-7	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 11:35	12/04/24
L2471057-07	SB09_1-2	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 13:20	12/04/24
L2471057-08	SB08_2-3	SOIL	1250 WILLOUGHBY AVE, BROOKLYN NY	12/04/24 13:30	12/04/24

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471057
Project Number:	170794301	**Report Date:**	12/16/24

Case Narrative

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

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

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

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

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

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

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057
Project Number: 170794301 **Report Date:** 12/16/24

Case Narrative (continued)

Report Submission
December 16, 2024: This final report includes the results of all requested analyses. Additional requests will be reported separately.
December 11, 2024: This is a preliminary report. Please note that your project has contingency samples on hold. Contact your project manager to request additional analyses within 3 business days of receiving this report. Requests made after this time frame will be reported separately.

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

Semivolatile Organics
The WG2006531-2/-3 LCS/LCSD recoveries, associated with L2471057-01 through -06, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals
L2471057-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG2006825-3 MS recoveries for aluminum (210%), calcium (0%), copper (300%), iron (1130%), lead (953%), manganese (166%) and zinc (220%), performed on L2471057-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2006825-3 MS recoveries, performed on L2471057-01, are outside the acceptance criteria for barium (164%) and selenium (72%). Post digestion spikes were performed and were within acceptance criteria.
The WG2006831-3 MS recovery, performed on L2471057-01, is outside the acceptance criteria for mercury (0%). A post digestion spike was performed and was within acceptance criteria.
The WG2006825-4 Laboratory Duplicate RPDs for arsenic (30%), barium (70%), copper (24%), lead (105%) and zinc (27%), performed on L2471057-01, are outside the acceptance criteria. The elevated RPD has been

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057
Project Number: 170794301 **Report Date:** 12/16/24

Case Narrative (continued)

attributed to the non-homogeneous nature of the native sample.
The WG2006831-4 Laboratory Duplicate RPD for mercury (48%), performed on L2471057-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Chromium, Hexavalent
The WG2006964-2 LCS recovery for chromium, hexavalent (75%), associated with L2471057-01 through -06, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 12/16/24

ORGANICS

VOLATILES

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01
Client ID: SB04_0.5-1.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 08:48
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 16:15
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.4	4.3	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.9	0.43	1
1,2-Dichloropropane	ND		ug/kg	1.9	0.24	1
Dibromochloromethane	ND		ug/kg	1.9	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.50	1
Tetrachloroethene	ND		ug/kg	0.94	0.37	1
Chlorobenzene	ND		ug/kg	0.94	0.24	1
Trichlorofluoromethane	ND		ug/kg	7.5	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.48	1
1,1,1-Trichloroethane	0.60	J	ug/kg	0.94	0.32	1
Bromodichloromethane	ND		ug/kg	0.94	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.52	1
cis-1,3-Dichloropropene	ND		ug/kg	0.94	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	0.94	0.30	1
1,1-Dichloropropene	ND		ug/kg	0.94	0.30	1
Bromoform	ND		ug/kg	7.5	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.94	0.31	1
Benzene	ND		ug/kg	0.94	0.31	1
Toluene	ND		ug/kg	1.9	1.0	1
Ethylbenzene	ND		ug/kg	1.9	0.27	1
Chloromethane	ND		ug/kg	7.5	1.8	1
Bromomethane	ND		ug/kg	3.8	1.1	1
Vinyl chloride	ND		ug/kg	1.9	0.63	1
Chloroethane	ND		ug/kg	3.8	0.85	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.26	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01 Date Collected: 12/04/24 08:48

Client ID: SB04_0.5-1.5 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	2.2		ug/kg	0.94	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.38	1
p/m-Xylene	ND		ug/kg	3.8	1.0	1
o-Xylene	ND		ug/kg	1.9	0.55	1
Xylenes, Total	ND		ug/kg	1.9	0.55	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.26	1
Dibromomethane	ND		ug/kg	3.8	0.45	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	19	1.7	1
Acetone	11	J	ug/kg	19	9.1	1
Carbon disulfide	ND		ug/kg	19	8.6	1
2-Butanone	ND		ug/kg	19	4.2	1
Vinyl acetate	ND		ug/kg	19	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	19	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.8	0.24	1
2-Hexanone	ND		ug/kg	19	2.2	1
Bromochloromethane	ND		ug/kg	3.8	0.39	1
2,2-Dichloropropane	ND		ug/kg	3.8	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.9	0.53	1
1,3-Dichloropropane	ND		ug/kg	3.8	0.32	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.94	0.25	1
Bromobenzene	ND		ug/kg	3.8	0.27	1
n-Butylbenzene	ND		ug/kg	1.9	0.32	1
sec-Butylbenzene	ND		ug/kg	1.9	0.28	1
tert-Butylbenzene	ND		ug/kg	3.8	0.22	1
o-Chlorotoluene	ND		ug/kg	3.8	0.36	1
p-Chlorotoluene	ND		ug/kg	3.8	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	1.9	1
Hexachlorobutadiene	ND		ug/kg	7.5	0.32	1
Isopropylbenzene	ND		ug/kg	1.9	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.20	1
Naphthalene	ND		ug/kg	7.5	1.2	1
Acrylonitrile	ND		ug/kg	7.5	2.2	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01 Date Collected: 12/04/24 08:48

Client ID: SB04_0.5-1.5 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.61	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.51	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.8	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.8	0.63	1
1,4-Dioxane	ND		ug/kg	150	66.	1
p-Diethylbenzene	ND		ug/kg	3.8	0.33	1
p-Ethyltoluene	ND		ug/kg	3.8	0.72	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.36	1
Ethyl ether	ND		ug/kg	3.8	0.64	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.4	2.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	110		70-130

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02
Client ID: SB04_8-9
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 09:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 16:59
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02 Date Collected: 12/04/24 09:00

Client ID: SB04_8-9 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02 Date Collected: 12/04/24 09:00

Client ID: SB04_8-9 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	114		70-130

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03
Client ID: SB05_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 10:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/10/24 15:15
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	0.21	J	ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	0.16	J	ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03 Date Collected: 12/04/24 10:15

Client ID: SB05_1-2 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03 Date Collected: 12/04/24 10:15

Client ID: SB05_1-2 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04
Client ID: SB05_10-11
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 10:20
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 18:43
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04 Date Collected: 12/04/24 10:20

Client ID: SB05_10-11 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04 Date Collected: 12/04/24 10:20

Client ID: SB05_10-11 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	112		70-130

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05
Client ID: SB06_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 19:09
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	4.7		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05 Date Collected: 12/04/24 11:15

Client ID: SB06_2-3 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	33		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05 Date Collected: 12/04/24 11:15

Client ID: SB06_2-3 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	0.30	J	ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	0.44	J	ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	113		70-130

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06
Client ID: SB06_6-7
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:35
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/09/24 19:35
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	0.28	J	ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06 Date Collected: 12/04/24 11:35

Client ID: SB06_6-7 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06 Date Collected: 12/04/24 11:35

Client ID: SB06_6-7 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	114		70-130

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG2007266-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG2007266-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/09/24 10:11
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-06 Batch: WG2007266-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	104		70-130

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG2007731-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG2007731-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/24 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG2007731-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG2007266-3 WG2007266-4								
Methylene chloride	99		100		70-130	1		30
1,1-Dichloroethane	117		116		70-130	1		30
Chloroform	111		110		70-130	1		30
Carbon tetrachloride	109		108		70-130	1		30
1,2-Dichloropropane	114		115		70-130	1		30
Dibromochloromethane	109		110		70-130	1		30
1,1,2-Trichloroethane	112		116		70-130	4		30
Tetrachloroethene	107		104		70-130	3		30
Chlorobenzene	108		106		70-130	2		30
Trichlorofluoromethane	128		127		70-139	1		30
1,2-Dichloroethane	112		115		70-130	3		30
1,1,1-Trichloroethane	110		110		70-130	0		30
Bromodichloromethane	111		111		70-130	0		30
trans-1,3-Dichloropropene	121		122		70-130	1		30
cis-1,3-Dichloropropene	117		119		70-130	2		30
1,1-Dichloropropene	118		117		70-130	1		30
Bromoform	106		108		70-130	2		30
1,1,2,2-Tetrachloroethane	114		116		70-130	2		30
Benzene	111		110		70-130	1		30
Toluene	110		108		70-130	2		30
Ethylbenzene	113		111		70-130	2		30
Chloromethane	**132**	Q	130		52-130	2		30
Bromomethane	146		145		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG2007266-3 WG2007266-4								
Vinyl chloride	127		125		67-130	2		30
Chloroethane	143		141		50-151	1		30
1,1-Dichloroethene	110		110		65-135	0		30
trans-1,2-Dichloroethene	108		107		70-130	1		30
Trichloroethene	109		111		70-130	2		30
1,2-Dichlorobenzene	109		107		70-130	2		30
1,3-Dichlorobenzene	112		109		70-130	3		30
1,4-Dichlorobenzene	108		106		70-130	2		30
Methyl tert butyl ether	116		121		66-130	4		30
p/m-Xylene	114		112		70-130	2		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	108		106		70-130	2		30
Dibromomethane	108		110		70-130	2		30
Styrene	112		111		70-130	1		30
Dichlorodifluoromethane	135		134		30-146	1		30
Acetone	102		115		54-140	12		30
Carbon disulfide	115		114		59-130	1		30
2-Butanone	106		115		70-130	8		30
Vinyl acetate	114		120		70-130	5		30
4-Methyl-2-pentanone	99		106		70-130	7		30
1,2,3-Trichloropropane	116		118		68-130	2		30
2-Hexanone	103		107		70-130	4		30
Bromochloromethane	102		107		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG2007266-3 WG2007266-4								
2,2-Dichloropropane	117		116		70-130	1		30
1,2-Dibromoethane	111		113		70-130	2		30
1,3-Dichloropropane	113		114		69-130	1		30
1,1,1,2-Tetrachloroethane	106		106		70-130	0		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	130		127		70-130	2		30
sec-Butylbenzene	120		116		70-130	3		30
tert-Butylbenzene	114		109		70-130	4		30
o-Chlorotoluene	120		116		70-130	3		30
p-Chlorotoluene	119		114		70-130	4		30
1,2-Dibromo-3-chloropropane	92		95		68-130	3		30
Hexachlorobutadiene	100		96		67-130	4		30
Isopropylbenzene	117		113		70-130	3		30
p-Isopropyltoluene	119		114		70-130	4		30
Naphthalene	102		105		70-130	3		30
Acrylonitrile	113		124		70-130	9		30
n-Propylbenzene	123		118		70-130	4		30
1,2,3-Trichlorobenzene	105		106		70-130	1		30
1,2,4-Trichlorobenzene	108		106		70-130	2		30
1,3,5-Trimethylbenzene	116		111		70-130	4		30
1,2,4-Trimethylbenzene	117		113		70-130	3		30
1,4-Dioxane	98		95		65-136	3		30
p-Diethylbenzene	119		117		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-06 Batch: WG2007266-3 WG2007266-4								
p-Ethyltoluene	118		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	115		112		70-130	3		30
Ethyl ether	119		121		67-130	2		30
trans-1,4-Dichloro-2-butene	114		117		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		116		70-130
Toluene-d8	111		110		70-130
4-Bromofluorobenzene	112		112		70-130
Dibromofluoromethane	109		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG2007731-3 WG2007731-4								
Methylene chloride	94		94		70-130	0		30
1,1-Dichloroethane	102		102		70-130	0		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	88		89		70-130	1		30
1,2-Dichloropropane	105		106		70-130	1		30
Dibromochloromethane	89		91		70-130	2		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	95		93		70-130	2		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	98		94		70-139	4		30
1,2-Dichloroethane	94		96		70-130	2		30
1,1,1-Trichloroethane	89		89		70-130	0		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	88		90		70-130	2		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
1,1-Dichloropropene	101		101		70-130	0		30
Bromoform	78		83		70-130	6		30
1,1,2,2-Tetrachloroethane	96		96		70-130	0		30
Benzene	100		98		70-130	2		30
Toluene	91		90		70-130	1		30
Ethylbenzene	94		93		70-130	1		30
Chloromethane	104		104		52-130	0		30
Bromomethane	109		108		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG2007731-3 WG2007731-4								
Vinyl chloride	102		99		67-130	3		30
Chloroethane	107		106		50-151	1		30
1,1-Dichloroethene	102		100		65-135	2		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	97		96		70-130	1		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	92		92		70-130	0		30
1,4-Dichlorobenzene	93		93		70-130	0		30
Methyl tert butyl ether	95		96		66-130	1		30
p/m-Xylene	93		92		70-130	1		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	97		95		70-130	2		30
Dibromomethane	92		93		70-130	1		30
Styrene	94		93		70-130	1		30
Dichlorodifluoromethane	88		84		30-146	5		30
Acetone	100		102		54-140	2		30
Carbon disulfide	87		87		59-130	0		30
2-Butanone	107		107		70-130	0		30
Vinyl acetate	115		115		70-130	0		30
4-Methyl-2-pentanone	104		100		70-130	4		30
1,2,3-Trichloropropane	96		97		68-130	1		30
2-Hexanone	92		93		70-130	1		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG2007731-3 WG2007731-4								
2,2-Dichloropropane	85		85		70-130	0		30
1,2-Dibromoethane	90		91		70-130	1		30
1,3-Dichloropropane	96		96		69-130	0		30
1,1,1,2-Tetrachloroethane	88		91		70-130	3		30
Bromobenzene	89		88		70-130	1		30
n-Butylbenzene	95		95		70-130	0		30
sec-Butylbenzene	96		95		70-130	1		30
tert-Butylbenzene	92		92		70-130	0		30
o-Chlorotoluene	93		91		70-130	2		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	84		87		68-130	4		30
Hexachlorobutadiene	102		99		67-130	3		30
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	102		98		70-130	4		30
Acrylonitrile	120		120		70-130	0		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	94		87		70-130	8		30
1,2,4-Trichlorobenzene	111		105		70-130	6		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	94		94		70-130	0		30
1,4-Dioxane	106		105		65-136	1		30
p-Diethylbenzene	97		97		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG2007731-3 WG2007731-4								
p-Ethyltoluene	96		94		70-130	2		30
1,2,4,5-Tetramethylbenzene	101		100		70-130	1		30
Ethyl ether	111		112		67-130	1		30
trans-1,4-Dichloro-2-butene	100		101		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01
Client ID: SB04_0.5-1.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY

Date Collected: 12/04/24 08:48
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 16:46
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	58	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	79	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01 Date Collected: 12/04/24 08:48

Client ID: SB04_0.5-1.5 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	720		ug/kg	110	21.	1
Benzo(a)pyrene	660		ug/kg	150	45.	1
Benzo(b)fluoranthene	890		ug/kg	110	31.	1
Benzo(k)fluoranthene	230		ug/kg	110	30.	1
Chrysene	780		ug/kg	110	19.	1
Acenaphthylene	93	J	ug/kg	150	29.	1
Anthracene	170		ug/kg	110	36.	1
Benzo(ghi)perylene	470		ug/kg	150	22.	1
Fluorene	56	J	ug/kg	180	18.	1
Phenanthrene	870		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	450		ug/kg	150	26.	1
Pyrene	1200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	47	J	ug/kg	180	18.	1
2-Methylnaphthalene	74	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01 Date Collected: 12/04/24 08:48

Client ID: SB04_0.5-1.5 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	77	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	13		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02
Client ID: SB04_8-9
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY

Date Collected: 12/04/24 09:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 17:09
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	86	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02 Date Collected: 12/04/24 09:00

Client ID: SB04_8-9 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	49	J	ug/kg	110	21.	1
Benzo(a)pyrene	46	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	55	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	46	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	28	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	39	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	150	26.	1
Pyrene	76	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02 Date Collected: 12/04/24 09:00

Client ID: SB04_8-9 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03
Client ID: SB05_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 10:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 17:33
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	87	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1900		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	410		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	180	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03 Date Collected: 12/04/24 10:15

Client ID: SB05_1-2 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	1000		ug/kg	120	22.	1
Benzo(a)pyrene	1100		ug/kg	150	47.	1
Benzo(b)fluoranthene	1300		ug/kg	120	32.	1
Benzo(k)fluoranthene	420		ug/kg	120	31.	1
Chrysene	1000		ug/kg	120	20.	1
Acenaphthylene	170		ug/kg	150	30.	1
Anthracene	330		ug/kg	120	38.	1
Benzo(ghi)perylene	800		ug/kg	150	23.	1
Fluorene	120	J	ug/kg	190	19.	1
Phenanthrene	1000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	720		ug/kg	150	27.	1
Pyrene	1900		ug/kg	120	19.	1
Biphenyl	64	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	150	J	ug/kg	190	18.	1
2-Methylnaphthalene	160	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03 Date Collected: 12/04/24 10:15

Client ID: SB05_1-2 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	88	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04
Client ID: SB05_10-11
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY

Date Collected: 12/04/24 10:20
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 17:56
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	410		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	28	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04 Date Collected: 12/04/24 10:20

Client ID: SB05_10-11 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	180		ug/kg	110	20.	1
Benzo(a)pyrene	180		ug/kg	140	44.	1
Benzo(b)fluoranthene	240		ug/kg	110	30.	1
Benzo(k)fluoranthene	81	J	ug/kg	110	29.	1
Chrysene	210		ug/kg	110	19.	1
Acenaphthylene	50	J	ug/kg	140	28.	1
Anthracene	41	J	ug/kg	110	35.	1
Benzo(ghi)perylene	110	J	ug/kg	140	21.	1
Fluorene	20	J	ug/kg	180	17.	1
Phenanthrene	320		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	29	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	140	25.	1
Pyrene	340		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	26	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04 Date Collected: 12/04/24 10:20

Client ID: SB05_10-11 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	31	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05
Client ID: SB06_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 18:20
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1200		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	53	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05 Date Collected: 12/04/24 11:15

Client ID: SB06_2-3 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	580		ug/kg	110	20.	1
Benzo(a)pyrene	510		ug/kg	140	44.	1
Benzo(b)fluoranthene	640		ug/kg	110	30.	1
Benzo(k)fluoranthene	180		ug/kg	110	29.	1
Chrysene	560		ug/kg	110	19.	1
Acenaphthylene	46	J	ug/kg	140	28.	1
Anthracene	180		ug/kg	110	35.	1
Benzo(ghi)perylene	360		ug/kg	140	21.	1
Fluorene	64	J	ug/kg	180	17.	1
Phenanthrene	860		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	84	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	140	25.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	46	J	ug/kg	180	17.	1
2-Methylnaphthalene	27	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05 Date Collected: 12/04/24 11:15

Client ID: SB06_2-3 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	73	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06
Client ID: SB06_6-7
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:35
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/09/24 18:43
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/08/24 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	26	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06 Date Collected: 12/04/24 11:35

Client ID: SB06_6-7 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	24	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06 Date Collected: 12/04/24 11:35

Client ID: SB06_6-7 Date Received: 12/04/24

Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/08/24 19:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 12/08/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2006531-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/08/24 19:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 12/08/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2006531-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/08/24 19:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 12/08/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2006531-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2006531-2 WG2006531-3								
Acenaphthene	66		67		31-137	2		50
1,2,4-Trichlorobenzene	60		60		38-107	0		50
Hexachlorobenzene	53		55		40-140	4		50
Bis(2-chloroethyl)ether	66		65		40-140	2		50
2-Chloronaphthalene	60		60		40-140	0		50
1,2-Dichlorobenzene	67		65		40-140	3		50
1,3-Dichlorobenzene	65		64		40-140	2		50
1,4-Dichlorobenzene	65		64		28-104	2		50
3,3'-Dichlorobenzidine	**33**	Q	41		40-140	22		50
2,4-Dinitrotoluene	77		79		40-132	3		50
2,6-Dinitrotoluene	71		72		40-140	1		50
Fluoranthene	64		66		40-140	3		50
4-Chlorophenyl phenyl ether	60		59		40-140	2		50
4-Bromophenyl phenyl ether	56		58		40-140	4		50
Bis(2-chloroisopropyl)ether	72		72		40-140	0		50
Bis(2-chloroethoxy)methane	68		70		40-117	3		50
Hexachlorobutadiene	56		55		40-140	2		50
Hexachlorocyclopentadiene	66		67		40-140	2		50
Hexachloroethane	70		69		40-140	1		50
Isophorone	70		72		40-140	3		50
Naphthalene	65		65		40-140	0		50
Nitrobenzene	74		73		40-140	1		50
NDPA/DPA	64		66		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2006531-2 WG2006531-3								
n-Nitrosodi-n-propylamine	69		69		32-121	0		50
Bis(2-ethylhexyl)phthalate	85		87		40-140	2		50
Butyl benzyl phthalate	76		78		40-140	3		50
Di-n-butylphthalate	74		76		40-140	3		50
Di-n-octylphthalate	83		87		40-140	5		50
Diethyl phthalate	64		66		40-140	3		50
Dimethyl phthalate	61		63		40-140	3		50
Benzo(a)anthracene	66		66		40-140	0		50
Benzo(a)pyrene	70		71		40-140	1		50
Benzo(b)fluoranthene	61		62		40-140	2		50
Benzo(k)fluoranthene	71		72		40-140	1		50
Chrysene	66		68		40-140	3		50
Acenaphthylene	68		69		40-140	1		50
Anthracene	68		69		40-140	1		50
Benzo(ghi)perylene	67		70		40-140	4		50
Fluorene	65		65		40-140	0		50
Phenanthrene	66		67		40-140	2		50
Dibenzo(a,h)anthracene	65		67		40-140	3		50
Indeno(1,2,3-cd)pyrene	65		67		40-140	3		50
Pyrene	63		64		35-142	2		50
Biphenyl	66		68		37-127	3		50
4-Chloroaniline	68		53		40-140	25		50
2-Nitroaniline	80		82		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2006531-2 WG2006531-3								
3-Nitroaniline	72		74		26-129	3		50
4-Nitroaniline	44		52		41-125	17		50
Dibenzofuran	64		64		40-140	0		50
2-Methylnaphthalene	60		60		40-140	0		50
1,2,4,5-Tetrachlorobenzene	57		58		40-117	2		50
Acetophenone	73		73		14-144	0		50
2,4,6-Trichlorophenol	62		65		30-130	5		50
p-Chloro-m-cresol	77		79		26-103	3		50
2-Chlorophenol	74		74		25-102	0		50
2,4-Dichlorophenol	70		72		30-130	3		50
2,4-Dimethylphenol	87		88		30-130	1		50
2-Nitrophenol	86		86		30-130	0		50
4-Nitrophenol	86		88		11-114	2		50
2,4-Dinitrophenol	45		39		4-130	14		50
4,6-Dinitro-o-cresol	76		78		10-130	3		50
Pentachlorophenol	50		52		17-109	4		50
Phenol	74		74		26-90	0		50
2-Methylphenol	77		77		30-130.	0		50
3-Methylphenol/4-Methylphenol	81		82		30-130	1		50
2,4,5-Trichlorophenol	65		67		30-130	3		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	76		76		40-140	0		50
Carbazole	68		69		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2006531-2 WG2006531-3								
1,4-Dioxane	62		62		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		74		25-120
Phenol-d6	76		75		10-120
Nitrobenzene-d5	80		80		23-120
2-Fluorobiphenyl	60		62		30-120
2,4,6-Tribromophenol	57		59		10-136
4-Terphenyl-d14	63		63		18-120

METALS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01
Client ID: SB04_0.5-1.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 08:48
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6090		mg/kg	8.83	2.38	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Antimony, Total	1.33	J	mg/kg	4.42	0.336	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.71		mg/kg	0.883	0.184	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Barium, Total	118		mg/kg	0.883	0.154	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.357	J	mg/kg	0.442	0.029	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.849	J	mg/kg	0.883	0.087	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Calcium, Total	26500		mg/kg	8.83	3.09	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.883	0.085	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.73		mg/kg	1.77	0.147	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Copper, Total	149		mg/kg	0.883	0.228	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Iron, Total	13000		mg/kg	4.42	0.797	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Lead, Total	440		mg/kg	4.42	0.237	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	2330		mg/kg	8.83	1.36	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Manganese, Total	251		mg/kg	0.883	0.140	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Mercury, Total	6.34		mg/kg	0.806	0.526	10	12/09/24 14:26	12/10/24 09:26	EPA 7471B	1,7471B	JWN
Nickel, Total	12.4		mg/kg	2.21	0.214	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Potassium, Total	954		mg/kg	221	12.7	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Selenium, Total	0.349	J	mg/kg	1.77	0.228	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.442	0.250	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Sodium, Total	268		mg/kg	177	2.78	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.77	0.278	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.0		mg/kg	0.883	0.179	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
Zinc, Total	289		mg/kg	4.42	0.259	2	12/06/24 12:11	12/09/24 16:06	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13.4	J	mg/kg	0.903	0.180	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02
Client ID: SB04_8-9
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 09:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6900		mg/kg	8.86	2.39	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Antimony, Total	3.96	J	mg/kg	4.43	0.337	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	8.51		mg/kg	0.886	0.184	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Barium, Total	62.0		mg/kg	0.886	0.154	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.342	J	mg/kg	0.443	0.029	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Calcium, Total	7310		mg/kg	8.86	3.10	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Chromium, Total	16.6		mg/kg	0.886	0.085	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.81		mg/kg	1.77	0.147	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Copper, Total	29.5		mg/kg	0.886	0.229	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Iron, Total	27500		mg/kg	4.43	0.800	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Lead, Total	269		mg/kg	4.43	0.238	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	3270		mg/kg	8.86	1.36	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Manganese, Total	155		mg/kg	0.886	0.141	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Mercury, Total	0.916		mg/kg	0.075	0.049	1	12/09/24 14:26	12/10/24 09:56	EPA 7471B	1,7471B	JWN
Nickel, Total	8.84		mg/kg	2.22	0.214	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Potassium, Total	493		mg/kg	222	12.8	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.229	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Sodium, Total	187		mg/kg	177	2.79	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.77	0.279	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.7		mg/kg	0.886	0.180	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
Zinc, Total	55.7		mg/kg	4.43	0.260	2	12/09/24 12:11	12/09/24 17:27	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	16.1	J	mg/kg	0.909	0.182	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03
Client ID: SB05_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 10:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5350		mg/kg	8.94	2.41	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Antimony, Total	2.24	J	mg/kg	4.47	0.340	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.50		mg/kg	0.894	0.186	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Barium, Total	94.9		mg/kg	0.894	0.156	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.371	J	mg/kg	0.447	0.030	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.240	J	mg/kg	0.894	0.088	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Calcium, Total	22600		mg/kg	8.94	3.13	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Chromium, Total	20.6		mg/kg	0.894	0.086	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.89		mg/kg	1.79	0.148	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Copper, Total	106		mg/kg	0.894	0.230	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Iron, Total	23000		mg/kg	4.47	0.807	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Lead, Total	250		mg/kg	4.47	0.240	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Magnesium, Total	12600		mg/kg	8.94	1.38	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Manganese, Total	345		mg/kg	0.894	0.142	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Mercury, Total	2.41		mg/kg	0.087	0.056	1	12/09/24 14:26	12/10/24 09:59	EPA 7471B	1,7471B	JWN
Nickel, Total	16.3		mg/kg	2.23	0.216	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Potassium, Total	1100		mg/kg	223	12.9	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.79	0.230	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.447	0.253	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Sodium, Total	93.9	J	mg/kg	179	2.82	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.79	0.282	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.2		mg/kg	0.894	0.181	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
Zinc, Total	265		mg/kg	4.47	0.262	2	12/09/24 12:11	12/09/24 18:19	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20.6		mg/kg	0.932	0.186	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04
Client ID: SB05_10-11
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 10:20
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7370		mg/kg	8.56	2.31	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Antimony, Total	0.726	J	mg/kg	4.28	0.325	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.74		mg/kg	0.856	0.178	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Barium, Total	53.8		mg/kg	0.856	0.149	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.400	J	mg/kg	0.428	0.028	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.127	J	mg/kg	0.856	0.084	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Calcium, Total	2250		mg/kg	8.56	3.00	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Chromium, Total	14.5		mg/kg	0.856	0.082	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.39		mg/kg	1.71	0.142	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Copper, Total	25.0		mg/kg	0.856	0.221	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Iron, Total	16000		mg/kg	4.28	0.773	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Lead, Total	111		mg/kg	4.28	0.229	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Magnesium, Total	2480		mg/kg	8.56	1.32	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Manganese, Total	318		mg/kg	0.856	0.136	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Mercury, Total	0.702		mg/kg	0.083	0.054	1	12/09/24 14:26	12/10/24 10:03	EPA 7471B	1,7471B	JWN
Nickel, Total	14.3		mg/kg	2.14	0.207	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Potassium, Total	964		mg/kg	214	12.3	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.221	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.428	0.242	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Sodium, Total	73.2	J	mg/kg	171	2.70	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.71	0.270	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.8		mg/kg	0.856	0.174	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
Zinc, Total	153		mg/kg	4.28	0.251	2	12/09/24 12:11	12/09/24 18:24	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14.5		mg/kg	0.882	0.176	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Lab Number: L2471057
Project Number: 170794301
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05
Client ID: SB06_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:15
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5390		mg/kg	8.51	2.30	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Antimony, Total	1.62	J	mg/kg	4.25	0.323	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.42		mg/kg	0.851	0.177	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Barium, Total	87.3		mg/kg	0.851	0.148	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.348	J	mg/kg	0.425	0.028	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.851	0.083	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Calcium, Total	26600		mg/kg	8.51	2.98	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Chromium, Total	13.7		mg/kg	0.851	0.082	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.18		mg/kg	1.70	0.141	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Copper, Total	71.2		mg/kg	0.851	0.220	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Iron, Total	15500		mg/kg	4.25	0.768	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Lead, Total	241		mg/kg	4.25	0.228	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	2410		mg/kg	8.51	1.31	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Manganese, Total	306		mg/kg	0.851	0.135	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Mercury, Total	1.67		mg/kg	0.089	0.058	1	12/09/24 14:26	12/10/24 10:06	EPA 7471B	1,7471B	JWN
Nickel, Total	11.2		mg/kg	2.13	0.206	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Potassium, Total	677		mg/kg	213	12.2	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Selenium, Total	0.237	J	mg/kg	1.70	0.220	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.425	0.241	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Sodium, Total	77.7	J	mg/kg	170	2.68	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.70	0.268	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.2		mg/kg	0.851	0.173	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
Zinc, Total	109		mg/kg	4.25	0.249	2	12/09/24 12:11	12/09/24 18:34	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13.7		mg/kg	0.878	0.176	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06
Client ID: SB06_6-7
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Date Collected: 12/04/24 11:35
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	9.22	2.49	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Antimony, Total	0.824	J	mg/kg	4.61	0.350	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.71		mg/kg	0.922	0.192	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Barium, Total	47.5		mg/kg	0.922	0.160	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.472		mg/kg	0.461	0.030	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.922	0.090	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Calcium, Total	1270		mg/kg	9.22	3.23	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Chromium, Total	17.8		mg/kg	0.922	0.089	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.50		mg/kg	1.84	0.153	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Copper, Total	37.9		mg/kg	0.922	0.238	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Iron, Total	20300		mg/kg	4.61	0.832	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Lead, Total	40.7		mg/kg	4.61	0.247	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Magnesium, Total	1780		mg/kg	9.22	1.42	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Manganese, Total	376		mg/kg	0.922	0.146	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Mercury, Total	0.132		mg/kg	0.089	0.058	1	12/09/24 14:26	12/10/24 10:09	EPA 7471B	1,7471B	JWN
Nickel, Total	13.4		mg/kg	2.30	0.223	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Potassium, Total	643		mg/kg	230	13.3	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.84	0.238	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.461	0.261	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Sodium, Total	45.3	J	mg/kg	184	2.90	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.84	0.290	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.6		mg/kg	0.922	0.187	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
Zinc, Total	62.7		mg/kg	4.61	0.270	2	12/09/24 12:11	12/09/24 18:41	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17.6	J	mg/kg	0.931	0.186	1		12/10/24 09:04	NA	107,-	

Project Name: 1250 WILLOUGHBY AVE **Lab Number:** L2471057

Project Number: 170794301 **Report Date:** 12/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2006825-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Arsenic, Total	0.085	J	mg/kg	0.400	0.083	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Calcium, Total	2.71	J	mg/kg	4.00	1.40	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Iron, Total	1.68	J	mg/kg	2.00	0.361	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Magnesium, Total	0.671	J	mg/kg	4.00	0.616	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF
Zinc, Total	0.202	J	mg/kg	2.00	0.117	1	12/06/24 12:11	12/09/24 15:41	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2006831-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/09/24 14:26	12/10/24 08:38	1,7471B	JWN

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006825-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	96		-		80-120	-		
Arsenic, Total	93		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	89		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006825-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2006831-2					
Mercury, Total	86	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006825-3 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5												
Aluminum, Total	6090	176	6460	**210**	Q	-	-		75-125	-		20
Antimony, Total	1.33J	44	46.8	106		-	-		75-125	-		20
Arsenic, Total	5.71	10.6	15.8	95		-	-		75-125	-		20
Barium, Total	118	176	407	**164**	Q	-	-		75-125	-		20
Beryllium, Total	0.357J	4.4	4.52	103		-	-		75-125	-		20
Cadmium, Total	0.849J	4.67	5.53	118		-	-		75-125	-		20
Calcium, Total	26500	881	23600	**0**	Q	-	-		75-125	-		20
Chromium, Total	14.1	17.6	34.0	113		-	-		75-125	-		20
Cobalt, Total	4.73	44	48.8	100		-	-		75-125	-		20
Copper, Total	149	22	215	**300**	Q	-	-		75-125	-		20
Iron, Total	13000	88.1	14000	**1130**	Q	-	-		75-125	-		20
Lead, Total	440	46.7	885	**953**	Q	-	-		75-125	-		20
Magnesium, Total	2330	881	3230	102		-	-		75-125	-		20
Manganese, Total	251	44	324	**166**	Q	-	-		75-125	-		20
Nickel, Total	12.4	44	57.1	101		-	-		75-125	-		20
Potassium, Total	954	881	1850	102		-	-		75-125	-		20
Selenium, Total	0.349J	10.6	7.66	**72**	Q	-	-		75-125	-		20
Silver, Total	ND	4.4	4.34	98		-	-		75-125	-		20
Sodium, Total	268	881	1110	96		-	-		75-125	-		20
Thallium, Total	ND	10.6	8.81	83		-	-		75-125	-		20
Vanadium, Total	24.0	44	71.6	108		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006825-3 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5										
Zinc, Total	289	44	386	**220**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006831-3 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5										
Mercury, Total	6.34	1.63	5.54	**0**	Q	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006825-4 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5						
Aluminum, Total	6090	5180	mg/kg	16		20
Antimony, Total	1.33J	1.20J	mg/kg	NC		20
Arsenic, Total	5.71	4.22	mg/kg	**30**	Q	20
Barium, Total	118	244	mg/kg	**70**	Q	20
Beryllium, Total	0.357J	0.326J	mg/kg	NC		20
Cadmium, Total	0.849J	0.519J	mg/kg	NC		20
Calcium, Total	26500	22600	mg/kg	16		20
Chromium, Total	14.1	12.9	mg/kg	9		20
Cobalt, Total	4.73	4.06	mg/kg	15		20
Copper, Total	149	117	mg/kg	**24**	Q	20
Iron, Total	13000	12200	mg/kg	6		20
Lead, Total	440	1420	mg/kg	**105**	Q	20
Magnesium, Total	2330	2200	mg/kg	6		20
Manganese, Total	251	214	mg/kg	16		20
Nickel, Total	12.4	10.5	mg/kg	17		20
Potassium, Total	954	798	mg/kg	18		20
Selenium, Total	0.349J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	268	243	mg/kg	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2471057

Report Date: 12/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006825-4 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	24.0	23.7	mg/kg	1		20
Zinc, Total	289	221	mg/kg	**27**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006831-4 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5						
Mercury, Total	6.34	3.87	mg/kg	**48**	Q	20

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2471057
Report Date: 12/16/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2006825-6 QC Sample: L2471057-01 Client ID: SB04_0.5-1.5						
Aluminum, Total	6090	6060	mg/kg	0		20
Barium, Total	118	121	mg/kg	3		20
Calcium, Total	26500	27500	mg/kg	4		20
Copper, Total	149	147	mg/kg	1		20
Iron, Total	13000	14100	mg/kg	8		20
Lead, Total	440	460	mg/kg	5		20
Magnesium, Total	2330	2450	mg/kg	5		20
Manganese, Total	251	264	mg/kg	5		20
Vanadium, Total	24.0	24.7	mg/kg	3		20
Zinc, Total	289	291	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-01
Client ID: SB04_0.5-1.5
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 08:48
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/06/24 21:30	12/09/24 14:49	1,9010C/9012B	JER
Chromium, Hexavalent	0.688	J	mg/kg	0.903	0.180	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-02
Client ID: SB04_8-9
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 09:00
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/06/24 21:30	12/09/24 14:50	1,9010C/9012B	JER
Chromium, Hexavalent	0.477	J	mg/kg	0.909	0.182	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-03
Client ID: SB05_1-2
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 10:15
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	12/08/24 12:00	12/09/24 19:09	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.932	0.186	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-04
Client ID: SB05_10-11
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 10:20
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/08/24 12:00	12/09/24 19:10	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.882	0.176	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-05
Client ID: SB06_2-3
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 11:15
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/08/24 12:00	12/09/24 19:11	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.878	0.176	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

SAMPLE RESULTS

Lab ID: L2471057-06
Client ID: SB06_6-7
Sample Location: 1250 WILLOUGHBY AVE, BROOKLYN NY
Sample Depth:
Matrix: Soil
Date Collected: 12/04/24 11:35
Date Received: 12/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	12/05/24 12:00	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	12/06/24 21:30	12/09/24 14:19	1,9010C/9012B	JER
Chromium, Hexavalent	0.233	J	mg/kg	0.931	0.186	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG2006275-1										
Cyanide, Total	ND		mg/kg	0.83	0.18	1	12/06/24 21:30	12/09/24 13:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG2006277-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	12/06/24 21:30	12/09/24 14:24	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03-05 Batch: WG2006540-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	12/08/24 12:00	12/09/24 19:03	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2006964-1										
Chromium, Hexavalent	0.310	J	mg/kg	0.800	0.160	1	12/09/24 15:54	12/10/24 09:04	1,7196A	RDS

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2006275-2 WG2006275-3								
Cyanide, Total	81		93		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2006277-2 WG2006277-3								
Cyanide, Total	95		96		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 03-05 Batch: WG2006540-2 WG2006540-3								
Cyanide, Total	91		91		80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2006964-2								
Chromium, Hexavalent	**75**	Q	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2006275-4 WG2006275-5 QC Sample: L2471057-06 Client ID: SB06_6-7												
Cyanide, Total	ND	11	10	89		9.8	88		75-125	12		35
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2006275-6 WG2006275-7 QC Sample: L2470660-07 Client ID: MS Sample												
Cyanide, Total	ND	12	11	88		12	96		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2006277-4 WG2006277-5 QC Sample: L2470706-03 Client ID: MS Sample												
Cyanide, Total	ND	11	8.8	80		9.8	93		75-125	12		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2006277-6 WG2006277-7 QC Sample: L2470706-04 Client ID: MS Sample												
Cyanide, Total	ND	12	11	91		10	86		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG2006540-4 WG2006540-5 QC Sample: L2471524-05 Client ID: MS Sample												
Cyanide, Total	ND	11	12	110		12	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG2006540-6 WG2006540-7 QC Sample: L2471683-01 Client ID: MS Sample												
Cyanide, Total	ND	12	13	110		11	94		75-125	17		35
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2006964-4 QC Sample: L2471057-06 Client ID: SB06_6-7												
Chromium, Hexavalent	0.233J	1470	1460	100		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2471057

Report Date: 12/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2005668-1 QC Sample: L2470754-45 Client ID: DUP Sample						
Solids, Total	84.8	83.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2006964-6 QC Sample: L2471057-06 Client ID: SB06_6-7						
Chromium, Hexavalent	0.233J	ND	mg/kg	NC		20

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2471057-01A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2471057-01B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-01C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-01D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2471057-01F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HEXCR-7196(30)
L2471057-02A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2471057-02B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-02C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-02D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2471057-02F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2471057-03A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2471057-03B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-03C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2471057-03D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2471057-03F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2471057-04A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2471057-04B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-04C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-04D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2471057-04F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2471057-05A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2471057-05B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-05C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-05D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2471057-05F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2471057-06A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471057
Report Date: 12/16/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2471057-06B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-06C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	NYTCL-8260HLW(14)
L2471057-06D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2471057-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2471057-06F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HEXCR-7196(30)
L2471057-07A	Vial MeOH preserved	A	NA		3.6	Y	Absent		HOLD-8260HLW(14)
L2471057-07B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	HOLD-8260HLW(14)
L2471057-07C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	HOLD-8260HLW(14)
L2471057-07D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2471057-07E	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		HOLD-METAL(180)
L2471057-07F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		HOLD-8270(14)
L2471057-08A	Vial MeOH preserved	A	NA		3.6	Y	Absent		HOLD-8260HLW(14)
L2471057-08B	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	HOLD-8260HLW(14)
L2471057-08C	Vial water preserved	A	NA		3.6	Y	Absent	05-DEC-24 11:16	HOLD-8260HLW(14)
L2471057-08D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2471057-08E	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		HOLD-METAL(180)
L2471057-08F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471057
Project Number:	170794301	**Report Date:**	12/16/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471057
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471057
Project Number:	170794301	**Report Date:**	12/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471057
Report Date: 12/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

Serial_No:12162408:16

L2471057 11DEC24
LANGAN – NYC

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/05/24

Client Information

Client: Langan
Address: 360 West 31st 8th Floor NY, New York
Phone: 212-479-5508
Fax:
Email: ATashji@langan.com

Project Information

Project Name: 1250 Willoughby Ave
Project Location: 1250 Willoughby Ave, Brooklyn NY
Project #: 170744301
(Use Project name as Project #)
Project Manager: Albert Tashji
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	Hex/Tri Chrom	Total Cyanide				Total Bottle	Sample Specific Comments
71057-01	SB04_0.5-1.5	12-4-24	8:48	Soil	SM	X	X	X	X	X					
02	SB04_8-9		900			X	X	X	X	X					
03	SB05_1-2		1015			X	X	X	X	X					
04	SB05_10-11		1020			X	X	X	X	X					
05	SB06_2-3		1115			X	X	X	X	X					
06	SB06_6-7		1135			X	X	X	X	X					
07	SB09_1-2		1320			H	H	H	H	H					Hold = H
08	SB08_2-3		1330			H	H	H	H	H					Hold = H

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-4-24 16:40	[signature]	12/4/24 16:40
[signature] - Pace	12/4/24 19:40	[signature]	12/4/24 19:40
[signature]	12/4/24	[signature]	DEC 04 2024 2340
Anthony Green	12/5/24 0200	Anthony Green	12/5/24 0200
[signature]	12/5/24 0410	[signature]	12/5/24 4:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2471065
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Albert Tashji
Phone:	(212) 479-5400
Project Name:	1250 WILLOUGHBY AVE
Project Number:	170794301
Report Date:	12/27/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NH ELAP (2249).

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2471065-01	AA01_120424	AIR	BROOKLYN, NY	12/04/24 11:45	12/04/24
L2471065-02	SV01_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:40	12/04/24
L2471065-03	SV02_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:03	12/04/24
L2471065-04	SV03_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:42	12/04/24
L2471065-05	SV04_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:17	12/04/24
L2471065-06	SV05_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:18	12/04/24
L2471065-07	SV06_120424	SOIL_VAPOR	BROOKLYN, NY	12/04/24 11:21	12/04/24

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471065
Project Number:	170794301	**Report Date:**	12/27/24

Case Narrative

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

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

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

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

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

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

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471065
Project Number:	170794301	**Report Date:**	12/27/24

Case Narrative (continued)

Report Submission

December 27, 2024: This final report includes the results of all requested analyses.

Report Submission

December 24, 2024: This is a preliminary report. A final report will be issued as soon as the follow up dilution analysis of the L2471065-05 sample for Toluene is completed.

Volatile Organics in Air

Canisters were released from the laboratory on December 4, 2024. The canister certification data is provided as an addendum.

L2471065-05: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2471065-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2010934-3 LCS recovery for chloroethane (138%), associated with [TO15-LL], is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2011950-3 LCS recovery for benzyl chloride (141%) and 1,2,4-trichlorobenzene (134%), associated with L2471065-03 through -07, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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

Authorized Signature:  Jennifer Jerome

Title: Technical Director/Representative Date: 12/27/24

AIR

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-01
Client ID: AA01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:45
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/18/24 19:33
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.490	0.200	--	2.42	0.989	--		1
Chloromethane	0.497	0.200	--	1.03	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.67	5.00	--	16.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.25	1.00	--	5.34	2.38	--		1
Trichlorofluoromethane	0.226	0.200	--	1.27	1.12	--		1
Isopropanol	1.34	0.500	--	3.29	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-01
Client ID: AA01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:45
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.214	0.200	--	0.684	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.257	0.200	--	0.969	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-01
Client ID: AA01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:45
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	100		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-02
Client ID: SV01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:40
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/18/24 20:12
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.679	0.200	--	3.36	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.83	0.200	--	4.05	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.38	1.00	--	12.8	2.38	--		1
Trichlorofluoromethane	1.98	0.200	--	11.1	1.12	--		1
Isopropanol	0.575	0.500	--	1.41	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.04	0.500	--	3.15	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.65	0.200	--	5.14	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.586	0.500	--	1.73	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-02
Client ID: SV01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:40
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.50	0.200	--	5.29	0.705	--		1
1,1,1-Trichloroethane	2.21	0.200	--	12.1	1.09	--		1
Benzene	1.20	0.200	--	3.83	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.210	0.200	--	0.723	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.841	0.200	--	3.45	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.63	0.200	--	25.0	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	4.70	0.200	--	31.9	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.36	0.200	--	5.91	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-02
Client ID: SV01_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:40
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	5.98	0.400	--	26.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.84	0.200	--	7.99	0.869	--		1
4-Ethyltoluene	0.491	0.200	--	2.41	0.983	--		1
1,3,5-Trimethylbenzene	0.312	0.200	--	1.53	0.983	--		1
1,2,4-Trimethylbenzene	1.49	0.200	--	7.33	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-03
Client ID: SV02_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:03
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/20/24 22:07
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.535	0.200	--	2.65	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.81	1.00	--	20.9	2.38	--		1
Trichlorofluoromethane	0.289	0.200	--	1.62	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.555	0.500	--	1.68	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.02	0.200	--	3.18	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.37	0.500	--	4.04	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-03
Client ID: SV02_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:03
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.469	0.200	--	1.65	0.705	--		1
1,1,1-Trichloroethane	0.570	0.200	--	3.11	1.09	--		1
Benzene	0.332	0.200	--	1.06	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.282	0.200	--	0.971	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.549	0.200	--	2.25	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.29	0.200	--	8.63	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.555	0.200	--	3.76	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.708	0.200	--	3.08	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-03
Client ID: SV02_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:03
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.53	0.400	--	15.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.08	0.200	--	4.69	0.869	--		1
4-Ethyltoluene	0.481	0.200	--	2.36	0.983	--		1
1,3,5-Trimethylbenzene	0.296	0.200	--	1.46	0.983	--		1
1,2,4-Trimethylbenzene	1.38	0.200	--	6.78	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	102		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-04
Client ID: SV03_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:42
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/20/24 22:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.257	0.200	--	1.27	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	2.29	0.200	--	5.07	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.40	5.00	--	13.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	127	1.00	--	302	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	2.18	1.00	--	5.36	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.68	0.500	--	5.09	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.859	0.200	--	2.68	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	0.522	0.200	--	2.11	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.56	0.500	--	28.2	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-04
Client ID: SV03_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:42
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	7.26	0.200	--	25.6	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.84	0.200	--	5.88	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	10.9	0.200	--	37.5	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	3.98	0.200	--	18.6	0.934	--		1
Heptane	2.85	0.200	--	11.7	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.14	0.200	--	26.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.224	0.200	--	1.52	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.68	0.200	--	7.30	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-04
Client ID: SV03_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:42
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	6.90	0.400	--	30.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.19	0.200	--	9.51	0.869	--		1
4-Ethyltoluene	0.574	0.200	--	2.82	0.983	--		1
1,3,5-Trimethylbenzene	0.424	0.200	--	2.08	0.983	--		1
1,2,4-Trimethylbenzene	1.79	0.200	--	8.80	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	102		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	106		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-05
Client ID: SV04_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:17
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/20/24 23:27
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.510	0.200	--	2.52	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.226	0.200	--	0.500	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	26.6	1.00	--	63.2	2.38	--		1
Trichlorofluoromethane	0.341	0.200	--	1.92	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.33	0.500	--	7.06	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.70	0.200	--	5.29	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.54	0.500	--	10.4	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-05
Client ID: SV04_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:17
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.316	0.200	--	1.54	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.41	0.200	--	8.49	0.705	--		1
1,1,1-Trichloroethane	9.52	0.200	--	51.9	1.09	--		1
Benzene	1.69	0.200	--	5.40	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.33	0.200	--	11.5	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	4.85	0.200	--	26.1	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	2.61	0.200	--	10.7	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	413	0.200	--	1560	0.754	--	E	1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.48	0.200	--	10.0	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	3.06	0.200	--	13.3	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-05
Client ID: SV04_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:17
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	8.87	0.400	--	38.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.57	0.200	--	11.2	0.869	--		1
4-Ethyltoluene	0.472	0.200	--	2.32	0.983	--		1
1,3,5-Trimethylbenzene	0.343	0.200	--	1.69	0.983	--		1
1,2,4-Trimethylbenzene	1.41	0.200	--	6.93	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	117		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-05 D
Client ID: SV04_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:17
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/24/24 21:34
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Toluene	631	2.00	--	2380	7.54	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	109		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-06
Client ID: SV05_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:18
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/21/24 00:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.484	0.200	--	2.39	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.787	0.200	--	1.74	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.99	1.00	--	14.2	2.38	--		1
Trichlorofluoromethane	0.263	0.200	--	1.48	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.08	0.500	--	3.27	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.54	0.200	--	7.91	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.90	0.500	--	5.60	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-06
Client ID: SV05_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:18
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.65	0.200	--	5.82	0.705	--		1
1,1,1-Trichloroethane	0.522	0.200	--	2.85	1.09	--		1
Benzene	1.78	0.200	--	5.69	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.66	0.200	--	5.71	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.312	0.200	--	1.46	0.934	--		1
Heptane	0.768	0.200	--	3.15	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.04	0.200	--	22.8	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	2.07	0.200	--	14.0	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.13	0.200	--	4.91	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-06
Client ID: SV05_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:18
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.86	0.400	--	21.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.54	0.200	--	6.69	0.869	--		1
4-Ethyltoluene	0.472	0.200	--	2.32	0.983	--		1
1,3,5-Trimethylbenzene	0.318	0.200	--	1.56	0.983	--		1
1,2,4-Trimethylbenzene	1.38	0.200	--	6.78	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	101		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-07
Client ID: SV06_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:21
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 12/21/24 00:46
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.499	0.200	--	2.47	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.75	1.00	--	8.91	2.38	--		1
Trichlorofluoromethane	0.295	0.200	--	1.66	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.956	0.500	--	2.90	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.04	0.200	--	3.24	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-07
Client ID: SV06_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:21
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.07	0.200	--	7.30	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.442	0.200	--	1.41	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.32	0.200	--	4.54	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.00	0.200	--	12.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.18	0.200	--	15.8	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	6.84	0.200	--	46.4	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.13	0.200	--	4.91	0.869	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

SAMPLE RESULTS

Lab ID: L2471065-07
Client ID: SV06_120424
Sample Location: BROOKLYN, NY

Date Collected: 12/04/24 11:21
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.92	0.400	--	21.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.60	0.200	--	6.95	0.869	--		1
4-Ethyltoluene	0.455	0.200	--	2.24	0.983	--		1
1,3,5-Trimethylbenzene	0.283	0.200	--	1.39	0.983	--		1
1,2,4-Trimethylbenzene	1.27	0.200	--	6.24	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	105		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/18/24 18:18

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2010934-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/18/24 18:18

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2010934-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/18/24 18:18

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2010934-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/20/24 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-07 Batch: WG2011950-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/20/24 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-07 Batch: WG2011950-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/20/24 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-07 Batch: WG2011950-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/24/24 16:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2013374-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/24/24 16:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2013374-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 12/24/24 16:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2013374-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2010934-3								
Dichlorodifluoromethane	110		-		70-130	-		
Chloromethane	100		-		70-130	-		
Freon-114	121		-		70-130	-		
Vinyl chloride	113		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Bromomethane	117		-		70-130	-		
Chloroethane	**138**	Q	-		70-130	-		
Ethanol	135		-		40-160	-		
Vinyl bromide	104		-		70-130	-		
Acetone	105		-		40-160	-		
Trichlorofluoromethane	117		-		70-130	-		
Isopropanol	86		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	90		-		70-130	-		
Methylene chloride	110		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
Freon-113	108		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
Methyl tert butyl ether	98		-		70-130	-		
2-Butanone	87		-		70-130	-		
cis-1,2-Dichloroethene	107		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2010934-3								
Ethyl Acetate	88		-		70-130	-		
Chloroform	108		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
1,2-Dichloroethane	115		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	114		-		70-130	-		
Benzene	98		-		70-130	-		
Carbon tetrachloride	127		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	108		-		70-130	-		
1,4-Dioxane	93		-		70-130	-		
Trichloroethene	110		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	113		-		70-130	-		
4-Methyl-2-pentanone	103		-		70-130	-		
trans-1,3-Dichloropropene	118		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	88		-		70-130	-		
2-Hexanone	84		-		70-130	-		
Dibromochloromethane	95		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2010934-3								
Tetrachloroethene	82		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	88		-		70-130	-		
p/m-Xylene	91		-		70-130	-		
Bromoform	93		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	91		-		70-130	-		
o-Xylene	96		-		70-130	-		
4-Ethyltoluene	85		-		70-130	-		
1,3,5-Trimethylbenzene	97		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Benzyl chloride	86		-		70-130	-		
1,3-Dichlorobenzene	91		-		70-130	-		
1,4-Dichlorobenzene	92		-		70-130	-		
1,2-Dichlorobenzene	89		-		70-130	-		
1,2,4-Trichlorobenzene	79		-		70-130	-		
Naphthalene	77		-		70-130	-		
Hexachlorobutadiene	78		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-07 Batch: WG2011950-3								
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	109		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	110		-		70-130	-		
Bromomethane	104		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	99		-		70-130	-		
Acetone	89		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	94		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	102		-		70-130	-		
Methylene chloride	107		-		70-130	-		
3-Chloropropene	107		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	102		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	111		-		70-130	-		
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	99		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-07 Batch: WG2011950-3								
Ethyl Acetate	112		-		70-130	-		
Chloroform	103		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	108		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	101		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	111		-		70-130	-		
1,2-Dichloropropane	97		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Heptane	106		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	119		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	102		-		70-130	-		
2-Hexanone	116		-		70-130	-		
Dibromochloromethane	119		-		70-130	-		
1,2-Dibromoethane	115		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-07 Batch: WG2011950-3								
Tetrachloroethene	106		-		70-130	-		
Chlorobenzene	113		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	121		-		70-130	-		
Styrene	118		-		70-130	-		
1,1,2,2-Tetrachloroethane	115		-		70-130	-		
o-Xylene	110		-		70-130	-		
4-Ethyltoluene	124		-		70-130	-		
1,3,5-Trimethylbenzene	122		-		70-130	-		
1,2,4-Trimethylbenzene	122		-		70-130	-		
Benzyl chloride	**141**	Q	-		70-130	-		
1,3-Dichlorobenzene	123		-		70-130	-		
1,4-Dichlorobenzene	123		-		70-130	-		
1,2-Dichlorobenzene	120		-		70-130	-		
1,2,4-Trichlorobenzene	**134**	Q	-		70-130	-		
Naphthalene	129		-		70-130	-		
Hexachlorobutadiene	123		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2013374-3								
Dichlorodifluoromethane	84		-		70-130	-		
Chloromethane	78		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	79		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	91		-		70-130	-		
Chloroethane	84		-		70-130	-		
Ethanol	76		-		40-160	-		
Vinyl bromide	79		-		70-130	-		
Acetone	70		-		40-160	-		
Trichlorofluoromethane	82		-		70-130	-		
Isopropanol	63		-		40-160	-		
1,1-Dichloroethene	93		-		70-130	-		
Tertiary butyl Alcohol	99		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	84		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
Freon-113	90		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
2-Butanone	84		-		70-130	-		
cis-1,2-Dichloroethene	90		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2013374-3								
Ethyl Acetate	95		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	78		-		70-130	-		
1,2-Dichloroethane	95		-		70-130	-		
n-Hexane	109		-		70-130	-		
1,1,1-Trichloroethane	107		-		70-130	-		
Benzene	103		-		70-130	-		
Carbon tetrachloride	122		-		70-130	-		
Cyclohexane	103		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	120		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	104		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	125		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	87		-		70-130	-		
2-Hexanone	84		-		70-130	-		
Dibromochloromethane	99		-		70-130	-		
1,2-Dibromoethane	91		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2013374-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	88		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	94		-		70-130	-		
Styrene	88		-		70-130	-		
1,1,2,2-Tetrachloroethane	95		-		70-130	-		
o-Xylene	92		-		70-130	-		
4-Ethyltoluene	88		-		70-130	-		
1,3,5-Trimethylbenzene	92		-		70-130	-		
1,2,4-Trimethylbenzene	91		-		70-130	-		
Benzyl chloride	88		-		70-130	-		
1,3-Dichlorobenzene	90		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		
1,2-Dichlorobenzene	89		-		70-130	-		
1,2,4-Trichlorobenzene	81		-		70-130	-		
Naphthalene	94		-		70-130	-		
Hexachlorobutadiene	76		-		70-130	-		

Project Name: 1250 WILLOUGHBY AVE

Project Number: 170794301

Lab Number: L2471065

Report Date: 12/27/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2471065-01	AA01_120424	01415	Flow 2	12/04/24	496571		-	-	-	Pass	40.1	40.2	0
L2471065-01	AA01_120424	706	6.0L Can	12/04/24	496571	L2470226-06	Pass	-29.6	-2.0	-	-	-	-
L2471065-02	SV01_120424	02349	Flow 1	12/04/24	496571		-	-	-	Pass	39.8	31.5	23
L2471065-02	SV01_120424	2838	6.0L Can	12/04/24	496571	L2469932-03	Pass	-29.2	-2.2	-	-	-	-
L2471065-03	SV02_120424	0429	Flow 1	12/04/24	496571		-	-	-	Pass	39.9	41.1	3
L2471065-03	SV02_120424	2831	6.0L Can	12/04/24	496571	L2469932-04	Pass	-29.1	-2.7	-	-	-	-
L2471065-04	SV03_120424	02339	Flow 1	12/04/24	496571		-	-	-	Pass	40.4	32.1	23
L2471065-04	SV03_120424	3469	6.0L Can	12/04/24	496571	L2469932-04	Pass	-29.2	-2.9	-	-	-	-
L2471065-05	SV04_120424	0318	Flow 1	12/04/24	496571		-	-	-	Pass	40.0	40.9	2
L2471065-05	SV04_120424	4311	6.0L Can	12/04/24	496571	L2469932-03	Pass	-29.2	-1.8	-	-	-	-
L2471065-06	SV05_120424	0818	Flow 1	12/04/24	496571		-	-	-	Pass	39.7	42.3	6
L2471065-06	SV05_120424	1886	6.0L Can	12/04/24	496571	L2470226-06	Pass	-29.7	1.5	-	-	-	-
L2471065-07	SV06_120424	01305	Flow 1	12/04/24	496571		-	-	-	Pass	39.8	45.4	13
L2471065-07	SV06_120424	3920	6.0L Can	12/04/24	496571	L2469932-04	Pass	-29.0	-2.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/27/24 22:37
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/27/24 22:37
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-03
Client ID: CAN 2268 SHELF 40
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/27/24 23:16
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/27/24 23:16
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2469932
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2469932-04
Client ID: CAN 1542 SHELF 41
Sample Location:

Date Collected: 11/26/24 16:00
Date Received: 11/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/02/24 20:54
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/02/24 20:54
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2470226
Report Date: 12/27/24

Air Canister Certification Results

Lab ID: L2470226-06
Client ID: CAN 1588 SHELF 58
Sample Location:

Date Collected: 11/30/24 07:00
Date Received: 11/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301

Lab Number: L2471065
Report Date: 12/27/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2471065-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2471065-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471065
Project Number:	170794301	**Report Date:**	12/27/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471065
Project Number:	170794301	**Report Date:**	12/27/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: *Data Usability Report*

Project Name:	1250 WILLOUGHBY AVE	**Lab Number:**	L2471065
Project Number:	170794301	**Report Date:**	12/27/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: 1250 WILLOUGHBY AVE
Project Number: 170794301
Lab Number: L2471065
Report Date: 12/27/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

Date Rec'd in Lab: 12/5/24

ALPHA Job #: L2471065

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Langan
Address: 360 West 31st Street 8th Floor, NY, New York
Phone: 212-479-5508
Fax:
Email: ATashji@langan.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1250 Willoughby Ave
Project Location: Brooklyn, NY
Project #: 170794301
Project Manager: Albert Tashji
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs)	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
71065-01	AA01_120424	12-4-24	9:35	11:45	-31.14	-4.30	AA	SM	6	706	01415	X						
02	SV01_120424		9:36	11:40	-30.91	-4.02	SV			2838	02349	X						
03	SV02_120424		9:37	11:03	-30.81	-4.30				2831	0429	X						
04	SV03_120424		9:38	11:42	-30.81	-4.62				3469	02339	X						
05	SV04_120424		9:39	11:17	-30.87	-3.43				4311	0318	X						
06	SV05_120424		9:40	11:18	-31.13	0.73				1886	0818	X						
07	SV06_120424		9:41	11:21	-30.93	-4.11				3920	01305	X						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Sharon Marod	12/4/24 16:40	Dell Cox-Pace	12/4/24 16:40
Dell Cox-Pace	12/4/24 19:40	NJSG	12/4/24 19:40
NJSG	12/4/24	Anthony Green	DEC 04 2024 2200
Anthony Green	12/5/24 0200		12/5/24 0200

12/5/24 0600

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 11/17/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0471

Report Date: 11/17/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0471

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 07, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

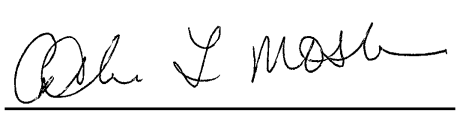
Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0471-01	SB-17_11-12	Soil	11/07/2025	11/07/2025
25K0471-02	SB-17_13-14	Soil	11/07/2025	11/07/2025
25K0471-03	SB-10_3-5	Soil	11/07/2025	11/07/2025
25K0471-04	SB-10_13-15	Soil	11/07/2025	11/07/2025
25K0471-05	SB-10_11-12	Soil	11/07/2025	11/07/2025
25K0471-06	SB-10_13-14	Soil	11/07/2025	11/07/2025
25K0471-07	SB-10_26-28	Soil	11/07/2025	11/07/2025

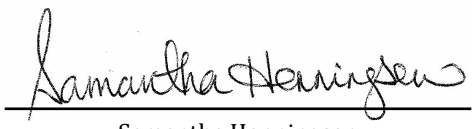
General Notes for York Project (SDG) No.: 25K0471

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie Mosher
Laboratory Manager - Stratford



Samantha Henningsen
Laboratory Director - Queens

Date: 11/17/2025

Sample Information

Client Sample ID: SB-17_11-12 **York Sample ID:** 25K0471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 11:40 am	11/07/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.48**	B	mg/kg dry	0.220	5	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.0**		%	0.100	1	SM 2540G	11/12/2025 08:25	11/12/2025 12:34	BF
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-17_13-14 **York Sample ID:** 25K0471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 11:45 am	11/07/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**	B	mg/kg dry	0.0375	1	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	11/12/2025 08:25	11/12/2025 12:34	BF
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.0528**	J	mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.174	0.348	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**0.163**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.165**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.138**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.108**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.137**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.154**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0869	0.174	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**0.327**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0903**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**0.185**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**0.243**		mg/kg dry	0.0436	0.0869	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 12:18	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.412	0.423	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0739	0.187	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0528	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0739	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0739	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.15**		ug/kg dry	0.0739	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.148	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0845	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0845	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.116	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0845	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.528	0.528	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0845	0.423	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0317	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0739	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0634	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.190	0.803	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.169	0.811	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.169	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0634	0.376	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0423	0.423	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.423	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0739	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.232	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.243	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.232	0.799	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.285	0.790	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
919005-14-4	ADONA	ND		ug/kg dry	0.275	0.799	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.158	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.338	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.771	5.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.993	5.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.771	2.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.137	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.486	2.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0951	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 07:37	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*90.6 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*83.1 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*92.3 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*85.2 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*85.5 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*88.3 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*72.4 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*66.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*81.2 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*82.1 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*86.2 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*80.2 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.3 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*72.7 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*92.5 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*109 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*80.6 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*72.2 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*68.2 %*			*20-130*						

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:40	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*93.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6460**		mg/kg dry	4.40	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**3.87**		mg/kg dry	1.32	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**159**		mg/kg dry	2.20	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.362**		mg/kg dry	0.044	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.511**		mg/kg dry	0.264	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**19700**		mg/kg dry	4.40	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.441	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.34**		mg/kg dry	0.352	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**27.4**		mg/kg dry	1.76	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**31800**		mg/kg dry	22.0	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**416**		mg/kg dry	0.441	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**3080**		mg/kg dry	4.41	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**632**		mg/kg dry	0.441	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.877	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**1340**		mg/kg dry	4.41	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.444	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**185**		mg/kg dry	44.0	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.76	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**37.0**		mg/kg dry	0.877	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**166**		mg/kg dry	2.19	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.790**		mg/kg dry	0.0317	1	EPA 7473	11/12/2025 08:31	11/13/2025 09:41	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C	11/11/2025 09:35	11/11/2025 16:16	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	11/11/2025 09:38	11/11/2025 16:20	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	11/12/2025 18:53	11/13/2025 18:36	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.7**		%	0.100	1	SM 2540G	11/12/2025 08:25	11/12/2025 12:34	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.026	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D	11/07/2025 13:45	11/12/2025 03:02	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0066	0.033	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0066	0.033	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
67-64-1	Acetone	ND		mg/Kg	0.0066	0.05	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00066	0.026	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
71-43-2	Benzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0026	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0066	0.04	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.066	0.066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0066	0.033	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
100-42-5	Styrene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.026	0.13	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007

Sample Information

Client Sample ID: SB-10_3-5 **York Sample ID:** 25K0471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 1:45 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0033	0.013	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00066	0.0066	1	SW8260D Certifications: NY-11301	11/07/2025 13:45	11/12/2025 03:02	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*95 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*85 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*103 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*90 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**94**		%			1	SW846-%Solid Certifications: NY-11301	11/07/2025 13:45	11/11/2025 22:20	CT007

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.180	0.361	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**0.0641**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	**Pyrene**	**0.0497**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	11/10/2025 10:03	11/11/2025 17:42	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 12:36	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.427	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0766	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0547	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0766	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0766	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.238**		ug/kg dry	0.0766	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0875	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0875	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0875	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.547	0.547	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0875	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0328	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0766	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0657	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.840	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.875	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0657	0.390	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0438	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.131	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0766	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.241	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.252	0.875	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.241	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.295	0.818	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
919005-14-4	ADONA	ND		ug/kg dry	0.285	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.350	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.799	5.47	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.47	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.799	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.503	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0985	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:20	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*89.7 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*81.6 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*93.3 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*88.1 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*85.1 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*84.0 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*72.9 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*69.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.8 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*78.5 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*88.4 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*82.2 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*87.0 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.3 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.1 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*103 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.9 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*77.1 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*68.7 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*64.3 %*			*20-130*						

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	11/10/2025 09:58	11/10/2025 23:55	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	11/10/2025 09:58	11/11/2025 08:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*95.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8030**		mg/kg dry	4.56	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**7.03**		mg/kg dry	1.37	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**110**		mg/kg dry	2.28	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.294**		mg/kg dry	0.046	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**4470**		mg/kg dry	4.56	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.456	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**5.52**		mg/kg dry	0.364	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**33.1**		mg/kg dry	1.82	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**16500**		mg/kg dry	22.8	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**146**		mg/kg dry	0.456	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1580**		mg/kg dry	4.56	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**189**		mg/kg dry	0.456	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**12.9**		mg/kg dry	0.908	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**989**		mg/kg dry	4.56	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**299**		mg/kg dry	45.6	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**30.7**		mg/kg dry	0.908	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**93.5**		mg/kg dry	2.27	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:42	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0687**		mg/kg dry	0.0328	1	EPA 7473	11/12/2025 08:31	11/13/2025 09:41	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	1	EPA 9014/9010C	11/11/2025 09:35	11/11/2025 16:16	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.547	1	EPA 7196A	11/11/2025 09:38	11/11/2025 16:20	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.2**		mg/kg	0.500	1	Calculation	11/12/2025 18:53	11/13/2025 18:36	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.4**		%	0.100	1	SM 2540G	11/12/2025 08:25	11/12/2025 12:34	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0021	0.042	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0021	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 14:30	11/12/2025 03:20	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.01	0.052	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.01	0.052	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
67-64-1	**Acetone**	**0.072**	S	mg/Kg	0.01	0.05	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.001	0.042	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
71-43-2	Benzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0042	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-15-0	**Carbon Disulfide**	**0.004**	Ja	mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
67-66-3	Chloroform	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
78-93-3	**Methyl ethyl ketone**	**0.02**	Ja	mg/Kg	0.01	0.062	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0021	0.021	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.1	0.1	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-09-2	**Methylene chloride**	**0.016**	JS	mg/Kg	0.01	0.05	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
100-42-5	Styrene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.042	0.21	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007

Sample Information

Client Sample ID: SB-10_13-15 **York Sample ID:** 25K0471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:30 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.01	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0052	0.021	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0021	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 14:30	11/12/2025 03:20	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*97 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*82 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*108 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*89 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**63**		%			1	SW846-%Solid Certifications: NY-11301	11/07/2025 14:30	11/11/2025 22:20	CT007

Sample Information

Client Sample ID: SB-10_11-12 **York Sample ID:** 25K0471-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:50 pm	11/07/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.614**	B	mg/kg dry	0.0429	1	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.0**		%	0.100	1	SM 2540G	11/12/2025 08:25	11/12/2025 12:34	BF
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-10_13-14 **York Sample ID:** 25K0471-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 2:55 pm	11/07/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.19**	B	mg/kg dry	0.186	5	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	11/12/2025 08:27	11/12/2025 11:48	BF
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.175	0.351	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0875	0.175	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	11/10/2025 10:03	11/11/2025 18:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 12:53	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.415	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0745	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0532	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0745	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0745	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0745	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.149	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.532	0.532	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0851	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0319	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0745	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0638	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.191	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.170	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.170	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0638	0.379	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0425	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0745	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.234	0.798	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.245	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.234	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.287	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
919005-14-4	ADONA	ND		ug/kg dry	0.277	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.340	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.776	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.00	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.776	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.489	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0957	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:35	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*102 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*90.8 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*95.7 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*91.5 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*85.3 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*77.2 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*70.0 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*87.8 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*84.6 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*95.4 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*88.7 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.2 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*73.2 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*100 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*86.5 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*92.3 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*112 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.8 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.1 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*84.5 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*79.8 %*			*20-130*						

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	11/10/2025 09:58	11/11/2025 00:11	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	11/10/2025 09:58	11/11/2025 09:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:29	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:29	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	11/11/2025 08:43	11/12/2025 15:29	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*120 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4460**		mg/kg dry	4.43	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**1.76**		mg/kg dry	1.33	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**250**		mg/kg dry	2.21	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.109**		mg/kg dry	0.045	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**1170**		mg/kg dry	4.43	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**11.9**		mg/kg dry	0.444	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**5.00**		mg/kg dry	0.354	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**13.4**		mg/kg dry	1.77	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**12000**		mg/kg dry	22.2	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**2.21**		mg/kg dry	0.444	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1660**		mg/kg dry	4.44	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**2390**		mg/kg dry	0.444	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**12.3**		mg/kg dry	0.883	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**722**		mg/kg dry	4.44	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**93.0**		mg/kg dry	44.3	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	0.883	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**21.0**		mg/kg dry	2.21	1	EPA 6010D	11/12/2025 14:41	11/13/2025 13:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	11/12/2025 08:31	11/13/2025 09:41	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C	11/11/2025 09:35	11/11/2025 16:16	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	11/11/2025 09:38	11/11/2025 16:20	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.9**		mg/kg	0.500	1	Calculation	11/12/2025 18:53	11/13/2025 18:36	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	11/12/2025 08:27	11/12/2025 11:48	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.002	0.041	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.002	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D	11/07/2025 15:00	11/12/2025 03:38	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.01	0.051	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.01	0.051	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
67-64-1	Acetone	ND		mg/Kg	0.01	0.05	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
107-02-8	Acrolein	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.001	0.041	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
71-43-2	Benzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-25-2	Bromoform	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0041	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
67-66-3	Chloroform	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.01	0.061	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.002	0.02	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.1	0.1	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.01	0.05	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
100-42-5	Styrene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.041	0.2	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007

Sample Information

Client Sample ID: SB-10_26-28 **York Sample ID:** 25K0471-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0471	170794301	Soil	November 7, 2025 3:00 pm	11/07/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.01	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0051	0.02	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.002	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/07/2025 15:00	11/12/2025 03:38	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*98 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*92 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*102 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*92 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**92**		%			1	SW846-%Solid Certifications: NY-11301	11/07/2025 15:00	11/11/2025 22:20	CT007

Analytical Batch Summary

Batch ID: [none] **Preparation Method** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/07/25
25K0471-04	SB-10_13-15	11/07/25
25K0471-07	SB-10_26-28	11/07/25

Batch ID: 813566A **Preparation Method** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/07/25
25K0471-04	SB-10_13-15	11/07/25
25K0471-07	SB-10_26-28	11/07/25

Batch ID: BK50521 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/10/25
25K0471-04	SB-10_13-15	11/10/25
25K0471-07	SB-10_26-28	11/10/25
BK50521-BLK1	Blank	11/10/25
BK50521-BS2	LCS	11/10/25

Batch ID: BK50522 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/10/25
25K0471-04	SB-10_13-15	11/10/25
25K0471-07	SB-10_26-28	11/10/25
BK50522-BLK1	Blank	11/10/25
BK50522-BS1	LCS	11/10/25

Batch ID: BK50523 **Preparation Method** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/10/25
25K0471-04	SB-10_13-15	11/10/25
25K0471-07	SB-10_26-28	11/10/25
BK50523-BLK1	Blank	11/10/25
BK50523-BS1	LCS	11/10/25

Batch ID: BK50596 **Preparation Method** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/11/25

25K0471-04	SB-10_13-15	11/11/25
25K0471-07	SB-10_26-28	11/11/25
BK50596-BLK1	Blank	11/11/25
BK50596-BS1	LCS	11/11/25
BK50596-BS2	LCS	11/11/25

Batch ID: BK50605 **Preparation Method** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/11/25
25K0471-04	SB-10_13-15	11/11/25
25K0471-07	SB-10_26-28	11/11/25
BK50605-BLK1	Blank	11/11/25
BK50605-BS1	LCS	11/11/25

Batch ID: BK50613 **Preparation Method** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/11/25
25K0471-04	SB-10_13-15	11/11/25
25K0471-07	SB-10_26-28	11/11/25
BK50613-BLK1	Blank	11/11/25
BK50613-SRM1	Reference	11/11/25

Batch ID: BK50614 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/11/25
25K0471-04	SB-10_13-15	11/11/25
25K0471-07	SB-10_26-28	11/11/25
BK50614-BLK1	Blank	11/11/25
BK50614-SRM1	Reference	11/11/25

Batch ID: BK50678 **Preparation Method** EPA SW846-7471B **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-01	SB-17_11-12	11/12/25
25K0471-02	SB-17_13-14	11/12/25
25K0471-05	SB-10_11-12	11/12/25
25K0471-06	SB-10_13-14	11/12/25
BK50678-BLK1	Blank	11/12/25
BK50678-DUP1	Duplicate	11/12/25
BK50678-MS1	Matrix Spike	11/12/25
BK50678-MSD1	Matrix Spike Dup	11/12/25
BK50678-SRM1	Reference	11/12/25

Batch ID: BK50690 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-01	SB-17_11-12	11/12/25
25K0471-02	SB-17_13-14	11/12/25
25K0471-03	SB-10_3-5	11/12/25
25K0471-04	SB-10_13-15	11/12/25
25K0471-05	SB-10_11-12	11/12/25

Batch ID: BK50691 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-06	SB-10_13-14	11/12/25
25K0471-07	SB-10_26-28	11/12/25

Batch ID: BK50696 **Preparation Method** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/12/25
25K0471-04	SB-10_13-15	11/12/25
25K0471-07	SB-10_26-28	11/12/25
BK50696-BLK1	Blank	11/12/25
BK50696-SRM1	Reference	11/12/25

Batch ID: BK50729 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/12/25
25K0471-04	SB-10_13-15	11/12/25
25K0471-07	SB-10_26-28	11/12/25
BK50729-BLK1	Blank	11/12/25
BK50729-SRM1	Reference	11/12/25

Batch ID: BK50762 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/12/25
25K0471-04	SB-10_13-15	11/12/25
25K0471-07	SB-10_26-28	11/12/25

Batch ID: BK50819 **Preparation Method** EPA 3550C **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0471-03	SB-10_3-5	11/13/25
25K0471-04	SB-10_13-15	11/13/25
25K0471-07	SB-10_26-28	11/13/25
BK50819-BLK1	Blank	11/13/25
BK50819-BS1	LCS	11/13/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50523 - EPA 3550C											
Blank (BK50523-BLK1) Blank									Prepared & Analyzed: 11/10/2025		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50523 - EPA 3550C											
Blank (BK50523-BLK1) Blank									Prepared & Analyzed: 11/10/2025		
Dibenzo(a,h)anthracene	ND	0.0417	mg/kg wet								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.54*		"	*1.67*		*92.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		"	*1.67*		*93.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.894*		"	*0.833*		*107*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.663*		"	*0.833*		*79.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.67*		*96.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.722*		"	*0.833*		*86.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50523 - EPA 3550C											
LCS (BK50523-BS1) LCS								Prepared & Analyzed: 11/10/2025			
1,1-Biphenyl	0.549	0.0417	mg/kg wet	0.833		65.9	70-111	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.657	0.0833	"	0.833		78.8	70-130				
1,2-Diphenylhydrazine (as Azobenzene)	0.615	0.0417	"	0.833		73.8	17-137				
2,3,4,6-Tetrachlorophenol	0.630	0.0833	"	0.833		75.6	70-130				
2,4,5-Trichlorophenol	0.536	0.0417	"	0.833		64.4	70-118	Low Bias			
2,4,6-Trichlorophenol	0.524	0.0417	"	0.833		62.9	70-120	Low Bias			
2,4-Dichlorophenol	0.563	0.0417	"	0.833		67.6	70-127	Low Bias			
2,4-Dimethylphenol	0.566	0.0417	"	0.833		68.0	70-130	Low Bias			
2,4-Dinitrophenol	0.0420	0.0833	"	0.833		5.04	20-160	Low Bias			
2,4-Dinitrotoluene	0.526	0.0417	"	0.833		63.1	70-130	Low Bias			
2,6-Dinitrotoluene	0.540	0.0417	"	0.833		64.8	70-128	Low Bias			
2-Chloronaphthalene	0.508	0.0417	"	0.833		61.0	70-117	Low Bias			
2-Chlorophenol	0.563	0.0417	"	0.833		67.6	70-113	Low Bias			
2-Methylnaphthalene	0.505	0.0417	"	0.833		60.6	70-130	Low Bias			
2-Methylphenol	0.540	0.0417	"	0.833		64.8	70-130	Low Bias			
2-Nitroaniline	0.611	0.0833	"	0.833		73.4	70-130				
2-Nitrophenol	0.520	0.0417	"	0.833		62.4	70-129	Low Bias			
3- & 4-Methylphenols	0.540	0.0417	"	0.833		64.8	29-103				
3,3-Dichlorobenzidine	0.535	0.0417	"	0.833		64.2	70-130	Low Bias			
3-Nitroaniline	0.565	0.0833	"	0.833		67.8	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.0967	0.0833	"	0.833		11.6	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.446	0.0417	"	0.833		53.5	70-120	Low Bias			
4-Chloro-3-methylphenol	0.610	0.0417	"	0.833		73.2	70-129				
4-Chloroaniline	0.389	0.0417	"	0.833		46.7	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.476	0.0417	"	0.833		57.1	70-124	Low Bias			
4-Nitroaniline	0.551	0.0833	"	0.833		66.1	70-128	Low Bias			
4-Nitrophenol	0.679	0.0833	"	0.833		81.5	20-141				
Acenaphthene	0.492	0.0417	"	0.833		59.0	70-121	Low Bias			
Acenaphthylene	0.543	0.0417	"	0.833		65.2	70-115	Low Bias			
Acetophenone	0.594	0.0417	"	0.833		71.3	70-112				
Aniline	0.361	0.167	"	0.833		43.3	10-119				
Anthracene	0.511	0.0417	"	0.833		61.3	70-118	Low Bias			
Atrazine	0.470	0.0417	"	0.833		56.4	70-112	Low Bias			
Benzaldehyde	0.462	0.0417	"	0.833		55.4	21-100				
Benzo(a)anthracene	0.533	0.0417	"	0.833		64.0	70-122	Low Bias			
Benzo(a)pyrene	0.633	0.0417	"	0.833		76.0	70-130				
Benzo(b)fluoranthene	0.645	0.0417	"	0.833		77.4	70-130				
Benzo(g,h,i)perylene	0.528	0.0417	"	0.833		63.4	70-130	Low Bias			
Benzo(k)fluoranthene	0.620	0.0417	"	0.833		74.4	70-128				
Benzoic acid	0.210	0.0417	"	0.833		25.2	10-140				
Benzyl alcohol	0.546	0.0417	"	0.833		65.5	30-115				
Benzyl butyl phthalate	0.594	0.0417	"	0.833		71.2	70-126				
Bis(2-chloroethoxy)methane	0.583	0.0417	"	0.833		69.9	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.592	0.0417	"	0.833		71.1	70-125				
Bis(2-chloroisopropyl)ether	0.690	0.0417	"	0.833		82.8	70-130				
Bis(2-ethylhexyl)phthalate	0.514	0.0417	"	0.833		61.7	70-130	Low Bias			
Caprolactam	0.604	0.0833	"	0.833		72.5	20-127				
Carbazole	0.522	0.0417	"	0.833		62.7	70-123	Low Bias			
Chrysene	0.521	0.0417	"	0.833		62.5	70-123	Low Bias			
Dibenzo(a,h)anthracene	0.551	0.0417	"	0.833		66.2	70-130	Low Bias			
Dibenzofuran	0.513	0.0417	"	0.833		61.6	70-121	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

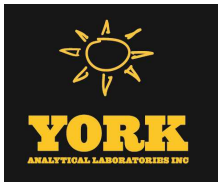
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50523 - EPA 3550C											
LCS (BK50523-BS1) LCS							Prepared & Analyzed: 11/10/2025				
Diethyl phthalate	0.507	0.0417	mg/kg wet	0.833		60.8	70-116	Low Bias			
Dimethyl phthalate	0.502	0.0417	"	0.833		60.3	70-124	Low Bias			
Di-n-butyl phthalate	0.522	0.0417	"	0.833		62.7	70-116	Low Bias			
Di-n-octyl phthalate	0.592	0.0417	"	0.833		71.1	70-130				
Diphenylamine	0.600	0.0833	"	0.833		72.0	40-140				
Fluoranthene	0.507	0.0417	"	0.833		60.9	70-122	Low Bias			
Fluorene	0.521	0.0417	"	0.833		62.5	70-123	Low Bias			
Hexachlorobenzene	0.576	0.0417	"	0.833		69.2	70-124	Low Bias			
Hexachlorobutadiene	0.484	0.0417	"	0.833		58.0	70-130	Low Bias			
Hexachlorocyclopentadiene	ND	0.0417	"	0.833			20-129	Low Bias			
Hexachloroethane	0.436	0.0417	"	0.833		52.3	28-108				
Indeno(1,2,3-cd)pyrene	0.523	0.0417	"	0.833		62.7	70-130	Low Bias			
Isophorone	0.587	0.0417	"	0.833		70.4	70-130				
Naphthalene	0.551	0.0417	"	0.833		66.1	70-124	Low Bias			
Nitrobenzene	0.629	0.0417	"	0.833		75.4	70-130				
N-Nitrosodimethylamine	0.529	0.0417	"	0.833		63.5	11-129				
N-nitroso-di-n-propylamine	0.592	0.0417	"	0.833		71.0	70-119				
N-Nitrosodiphenylamine	0.617	0.0417	"	0.833		74.0	70-130				
Pentachlorophenol	0.223	0.0417	"	0.833		26.8	20-139				
Phenanthrene	0.525	0.0417	"	0.833		63.0	70-123	Low Bias			
Phenol	0.601	0.0417	"	0.833		72.1	23-115				
Pyrene	0.593	0.0417	"	0.833		71.1	70-130				
Pyridine	0.391	0.167	"	0.833		46.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.30*		"	*1.67*		*77.9*	*30-108*				
Surrogate: SURR: Phenol-d6	*1.34*		"	*1.67*		*80.4*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.717*		"	*0.833*		*86.0*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.592*		"	*0.833*		*71.1*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.31*		"	*1.67*		*78.6*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.647*		"	*0.833*		*77.6*	*30-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

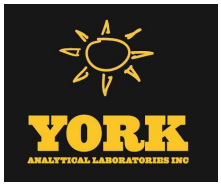
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50819 - EPA 3550C											
Blank (BK50819-BLK1) Blank											Prepared: 11/13/2025 Analyzed: 11/14/2025
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*610*		*"*	*500*		*122*	*39-127.5*				
LCS (BK50819-BS1) LCS											Prepared: 11/13/2025 Analyzed: 11/14/2025
1,4-Dioxane	393	20.0	ug/kg	500		78.6	40-130				
Surrogate: 1,4-Dioxane-d8	*560*		*"*	*500*		*112*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
Blank (BK50596-BLK1) Blank									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.46*		"	*2.33*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*40-130*				
Surrogate: M4PFHpA	*2.43*		"	*2.50*		*97.1*	*40-130*				
Surrogate: M3PFHxS	*2.27*		"	*2.37*		*96.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		"	*2.50*		*95.6*	*40-130*				
Surrogate: M6PFDA	*1.11*		"	*1.25*		*88.9*	*40-130*				
Surrogate: M7PFUdA	*0.981*		"	*1.25*		*78.5*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.916*		"	*1.25*		*73.3*	*40-130*				
Surrogate: M2PFTeDA	*0.882*		"	*1.25*		*70.6*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
Blank (BK50596-BLK1) Blank								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.60*		*ug/kg wet*	*10.0*		*96.0*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.10*		*"*	*2.40*		*87.6*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.20*		*"*	*5.00*		*104*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.32*		*"*	*2.50*		*93.0*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.34*		*"*	*5.00*		*86.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.81*		*"*	*5.00*		*76.2*	*40-150*				
Surrogate: M2-6:2 FTS	*5.96*		*"*	*4.76*		*125*	*40-215*				
Surrogate: M2-8:2 FTS	*5.96*		*"*	*4.80*		*124*	*40-275*				
Surrogate: M9PFNA	*1.14*		*"*	*1.25*		*90.9*	*40-130*				
Surrogate: M2-4:2 FTS	*6.31*		*"*	*4.69*		*134*	*40-165*				
Surrogate: d-N-MeFOSA	*1.87*		*"*	*2.50*		*74.7*	*10-130*				
Surrogate: d-N-EtFOSA	*1.90*		*"*	*2.50*		*75.9*	*10-130*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*10.0*		*103*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.1*		*"*	*25.0*		*84.3*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.4*		*"*	*25.0*		*81.6*	*20-130*				
LCS (BK50596-BS1) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.62	0.177	ug/kg wet	3.54		102	65-145				
Perfluorohexanoic acid (PFHxA)	4.22	0.200	"	4.00		105	65-140				
Perfluoroheptanoic acid (PFHpA)	3.93	0.200	"	4.00		98.3	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.02	0.183	"	3.66		110	60-150				
Perfluorooctanoic acid (PFOA)	3.76	0.200	"	4.00		94.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.12	0.186	"	3.72		111	65-160				
Perfluorononanoic acid (PFNA)	4.24	0.200	"	4.00		106	70-155				
Perfluorodecanoic acid (PFDA)	3.97	0.200	"	4.00		99.3	70-155				
Perfluoroundecanoic acid (PFUnA)	4.49	0.200	"	4.00		112	70-155				
Perfluorododecanoic acid (PFDoA)	3.86	0.200	"	4.00		96.5	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.84	0.200	"	4.00		96.0	65-150				
Perfluorotetradecanoic acid (PFTA)	4.15	0.200	"	4.00		104	65-150				
N-MeFOSAA	4.46	0.200	"	4.00		111	65-155				
N-EtFOSAA	4.44	0.500	"	4.00		111	65-165				
Perfluoropentanoic acid (PFPeA)	8.08	0.400	"	8.00		101	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.15	0.200	"	4.00		104	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.65	0.200	"	3.82		122	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.31	0.193	"	3.86		85.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.9	0.760	"	15.2		97.9	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.4	0.768	"	15.4		101	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.7	0.800	"	16.0		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.25	0.356	"	7.12		102	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.72	0.400	"	8.00		109	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.18	0.400	"	8.00		102	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.39	0.400	"	8.00		105	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.13	0.188	"	3.76		110	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.9	60-150				
HFPO-DA (Gen-X)	8.51	0.800	"	8.00		106	70-145				
11CL-PF3OUdS	3.84	0.756	"	7.56		50.8	45-160				
9CL-PF3ONS	4.36	0.748	"	7.48		58.2	70-150	Low Bias			
ADONA	8.01	0.756	"	7.56		106	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS1) LCS									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.51	0.194	ug/kg wet	3.88		90.5	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.73	0.192	"	3.84		97.2	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.7	1.00	"	16.0		97.9	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	79.3	5.00	"	80.0		99.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	78.1	5.00	"	80.0		97.6	60-150				
N-MeFOSE	41.6	2.00	"	40.0		104	70-140				
N-MeFOSA	4.05	0.200	"	4.00		101	70-155				
N-EtFOSE	41.2	2.00	"	40.0		103	70-135				
N-EtFOSA	3.80	0.200	"	4.00		95.1	70-140				
Surrogate: M3PFBS	*2.17*		"	*2.33*		*93.1*	*40-135*				
Surrogate: M5PFHxA	*2.19*		"	*2.50*		*87.7*	*40-130*				
Surrogate: M4PFHpA	*2.19*		"	*2.50*		*87.7*	*40-130*				
Surrogate: M3PFHxS	*1.93*		"	*2.37*		*81.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.13*		"	*2.50*		*85.4*	*40-130*				
Surrogate: M6PFDA	*0.816*		"	*1.25*		*65.3*	*40-130*				
Surrogate: M7PFUdA	*0.661*		"	*1.25*		*52.9*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.656*		"	*1.25*		*52.5*	*40-130*				
Surrogate: M2PFTeDA	*0.645*		"	*1.25*		*51.6*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.69*		"	*10.0*		*86.9*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.37*		"	*2.40*		*57.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.55*		"	*5.00*		*91.1*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.68*		"	*2.50*		*67.3*	*40-130*				
Surrogate: d3-N-MeFOSAA	*2.90*		"	*5.00*		*57.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*2.47*		"	*5.00*		*49.3*	*40-150*				
Surrogate: M2-6:2 FTS	*4.21*		"	*4.76*		*88.6*	*40-215*				
Surrogate: M2-8:2 FTS	*3.86*		"	*4.80*		*80.4*	*40-275*				
Surrogate: M9PFNA	*0.901*		"	*1.25*		*72.1*	*40-130*				
Surrogate: M2-4:2 FTS	*4.62*		"	*4.69*		*98.4*	*40-165*				
Surrogate: d-N-MeFOSA	*1.28*		"	*2.50*		*51.1*	*10-130*				
Surrogate: d-N-EtFOSA	*1.32*		"	*2.50*		*52.9*	*10-130*				
Surrogate: M3HFPO-DA	*9.31*		"	*10.0*		*93.1*	*40-130*				
Surrogate: d9-N-EtFOSE	*14.1*		"	*25.0*		*56.4*	*15-130*				
Surrogate: d7-N-MeFOSE	*14.2*		"	*25.0*		*56.9*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS2) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	0.335	0.177	ug/kg wet	0.354		94.7	65-145				
Perfluorohexanoic acid (PFHxA)	0.352	0.200	"	0.400		88.1	65-140				
Perfluoroheptanoic acid (PFHpA)	0.355	0.200	"	0.400		88.8	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.359	0.183	"	0.366		98.0	60-150				
Perfluorooctanoic acid (PFOA)	0.349	0.200	"	0.400		87.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.466	0.186	"	0.372		125	65-160				
Perfluorononanoic acid (PFNA)	0.329	0.200	"	0.400		82.3	70-155				
Perfluorodecanoic acid (PFDA)	0.382	0.200	"	0.400		95.6	70-155				
Perfluoroundecanoic acid (PFUnA)	0.355	0.200	"	0.400		88.9	70-155				
Perfluorododecanoic acid (PFDoA)	0.304	0.200	"	0.400		76.1	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.400	0.200	"	0.400		99.9	65-150				
Perfluorotetradecanoic acid (PFTA)	0.385	0.200	"	0.400		96.2	65-150				
N-MeFOSAA	0.393	0.200	"	0.400		98.3	65-155				
N-EtFOSAA	0.396	0.500	"	0.400		98.9	65-165				
Perfluoropentanoic acid (PFPeA)	0.747	0.400	"	0.800		93.3	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.359	0.200	"	0.400		89.8	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.349	0.200	"	0.382		91.4	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.392	0.193	"	0.386		102	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.39	0.760	"	1.52		91.7	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.40	0.768	"	1.54		91.2	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.52	0.800	"	1.60		95.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.663	0.356	"	0.712		93.1	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.620	0.400	"	0.800		77.5	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.795	0.400	"	0.800		99.4	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.828	0.400	"	0.800		104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.303	0.188	"	0.376		80.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.34	0.750	"	1.50		89.7	60-150				
HFPO-DA (Gen-X)	0.664	0.800	"	0.800		83.0	70-145				
11CL-PF3OUdS	0.455	0.756	"	0.756		60.2	45-160				
9CL-PF3ONS	0.465	0.748	"	0.748		62.1	70-150	Low Bias			
ADONA	0.660	0.756	"	0.756		87.3	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.318	0.194	"	0.388		81.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.319	0.192	"	0.384		83.2	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.74	1.00	"	1.60		109	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.86	5.00	"	8.00		111	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	9.07	5.00	"	8.00		113	60-150				
N-MeFOSE	4.05	2.00	"	4.00		101	70-140				
N-MeFOSA	0.489	0.200	"	0.400		122	70-155				
N-EtFOSE	4.15	2.00	"	4.00		104	70-135				
N-EtFOSA	0.507	0.200	"	0.400		127	70-140				
Surrogate: M3PFBS	*2.15*		"	*2.33*		*92.5*	*40-135*				
Surrogate: M5PFHxA	*2.27*		"	*2.50*		*90.9*	*40-130*				
Surrogate: M4PFHpA	*2.27*		"	*2.50*		*91.0*	*40-130*				
Surrogate: M3PFHxS	*2.08*		"	*2.37*		*87.9*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.28*		"	*2.50*		*91.2*	*40-130*				
Surrogate: M6PFDA	*0.939*		"	*1.25*		*75.1*	*40-130*				
Surrogate: M7PFUdA	*0.835*		"	*1.25*		*66.8*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.783*		"	*1.25*		*62.6*	*40-130*				
Surrogate: M2PFTeDA	*0.740*		"	*1.25*		*59.2*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS2) LCS									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.00*		*ug/kg wet*	*10.0*		*90.0*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.84*		*"*	*2.40*		*76.8*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*5.00*		*94.9*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.06*		*"*	*2.50*		*82.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.73*		*"*	*5.00*		*74.6*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*5.00*		*71.0*	*40-150*				
Surrogate: M2-6:2 FTS	*5.13*		*"*	*4.76*		*108*	*40-215*				
Surrogate: M2-8:2 FTS	*5.14*		*"*	*4.80*		*107*	*40-275*				
Surrogate: M9PFNA	*1.09*		*"*	*1.25*		*86.8*	*40-130*				
Surrogate: M2-4:2 FTS	*5.49*		*"*	*4.69*		*117*	*40-165*				
Surrogate: d-N-MeFOSA	*1.51*		*"*	*2.50*		*60.4*	*10-130*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.5*	*10-130*				
Surrogate: M3HFPO-DA	*8.66*		*"*	*10.0*		*86.6*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*25.0*		*73.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.3*		*"*	*25.0*		*73.0*	*20-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50522 - EPA 3546 PPCB											
Blank (BK50522-BLK1) Blank									Prepared & Analyzed: 11/10/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0506*		"	*0.0664*		*76.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0599*		"	*0.0664*		*90.1*	*30-150*				
LCS (BK50522-BS1) LCS									Prepared & Analyzed: 11/10/2025		
4,4'-DDD	0.0297	0.00164	mg/kg wet	0.0332		89.4	40-140				
4,4'-DDE	0.0244	0.00164	"	0.0332		73.5	40-140				
4,4'-DDT	0.0177	0.00164	"	0.0332		53.3	40-140				
Aldrin	0.0246	0.00164	"	0.0332		74.2	40-140				
alpha-BHC	0.0263	0.00164	"	0.0332		79.2	40-140				
alpha-Chlordane	0.0244	0.00164	"	0.0332		73.6	40-140				
beta-BHC	0.0277	0.00164	"	0.0332		83.5	40-140				
delta-BHC	0.0181	0.00164	"	0.0332		54.6	40-140				
Dieldrin	0.0251	0.00164	"	0.0332		75.7	40-140				
Endosulfan I	0.0270	0.00164	"	0.0332		81.2	40-140				
Endosulfan II	0.0293	0.00164	"	0.0332		88.1	40-140				
Endosulfan sulfate	0.0270	0.00164	"	0.0332		81.2	40-140				
Endrin	0.0243	0.00164	"	0.0332		73.2	40-140				
Endrin aldehyde	0.0266	0.00164	"	0.0332		80.0	40-140				
Endrin ketone	0.0286	0.00164	"	0.0332		86.1	40-140				
gamma-BHC (Lindane)	0.0255	0.00164	"	0.0332		76.7	40-140				
gamma-Chlordane	0.0245	0.00164	"	0.0332		73.8	40-140				
Heptachlor	0.0232	0.00164	"	0.0332		69.8	40-140				
Heptachlor epoxide	0.0254	0.00164	"	0.0332		76.4	40-140				
Methoxychlor	0.0226	0.00164	"	0.0332		68.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0512*		"	*0.0664*		*77.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0580*		"	*0.0664*		*87.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50521 - EPA 3546 PPCB											
Blank (BK50521-BLK1) Blank									Prepared: 11/10/2025 Analyzed: 11/11/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0558*		"	*0.0664*		*84.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0581*		"	*0.0664*		*87.5*	*30-120*				
LCS (BK50521-BS2) LCS									Prepared: 11/10/2025 Analyzed: 11/11/2025		
Aroclor 1016	0.392	0.0166	mg/kg wet	0.332		118	40-130				
Aroclor 1260	0.395	0.0166	"	0.332		119	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0508*		"	*0.0664*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0555*		"	*0.0664*		*83.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50605 - EPA 3550C/8151A											
Blank (BK50605-BLK1) Blank									Prepared: 11/11/2025 Analyzed: 11/12/2025		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.285*		*"*	*0.415*		*68.6*	*21-150*				
LCS (BK50605-BS1) LCS									Prepared: 11/11/2025 Analyzed: 11/12/2025		
2,4,5-T	0.0606	0.0199	mg/kg wet	0.0664		91.2	10-120				
2,4,5-TP (Silvex)	0.0739	0.0199	"	0.0664		111	10-120				
2,4-D	0.0731	0.0199	"	0.0664		110	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.392*		*"*	*0.415*		*94.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50729 - EPA 3050B											
Blank (BK50729-BLK1) Blank										Prepared: 11/12/2025 Analyzed: 11/13/2025	
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BK50729-SRM1) Reference										Prepared: 11/12/2025 Analyzed: 11/13/2025	
Aluminum	7390	4.17	mg/kg wet	6840		108	53.2-146.2				
Antimony	75.1	2.08	"	131		57.3	4.5-195.4				
Arsenic	192	1.25	"	192		100	81.3-118.8				
Barium	245	2.08	"	219		112	81.7-118.3				
Beryllium	168	0.042	"	146		115	82.2-117.8				
Cadmium	123	0.250	"	114		108	81.7-118.4				
Calcium	4100	4.17	"	4080		100	82.4-117.6				
Chromium	167	0.417	"	153		109	81-119				
Cobalt	246	0.333	"	231		106	83.1-117.3				
Copper	98.0	1.67	"	91.2		107	83.1-117.3				
Iron	6280	20.8	"	7020		89.5	60.7-139.2				
Lead	130	0.417	"	141		92.4	81.6-118.4				
Magnesium	1930	4.17	"	1900		102	76.3-123.7				
Manganese	401	0.417	"	401		99.9	80.8-119				
Nickel	161	0.830	"	143		113	81.8-118.9				
Potassium	1830	4.17	"	1760		104	72.2-127.8				
Selenium	94.6	2.08	"	94.7		99.9	78.5-121.4				
Silver	69.4	0.420	"	77.0		90.2	79.4-120.6				
Sodium	706	41.7	"	661		107	73.7-126.2				
Thallium	195	1.67	"	183		107	80.3-119.7				
Vanadium	164	0.830	"	159		103	78.6-122				
Zinc	295	2.08	"	292		101	79.4-120.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50678 - EPA SW846-7471B												
Blank (BK50678-BLK1)	Blank								Prepared & Analyzed: 11/12/2025			
Mercury		0.0506	0.0330	mg/kg wet								
Duplicate (BK50678-DUP1)	Duplicate	*Source sample: 25K0471-01 (SB-17_11-12)							Prepared & Analyzed: 11/12/2025			
Mercury		9.81	2.20	mg/kg dry		ND				148	35	Non-dir.
Matrix Spike (BK50678-MS1)	Matrix Spike	*Source sample: 25K0471-01 (SB-17_11-12)							Prepared & Analyzed: 11/12/2025			
Mercury		3.36	0.220	mg/kg dry	0.445	1.48	423	75-125	High Bias			
Matrix Spike Dup (BK50678-	Matrix Spike Dup	*Source sample: 25K0471-01 (SB-17_11-12)							Prepared & Analyzed: 11/12/2025			
Mercury		4.26	0.220	mg/kg dry	0.445	1.48	625	75-125	High Bias	23.6	200	
Reference (BK50678-SRM1)	Reference								Prepared & Analyzed: 11/12/2025			
Mercury		45.2	1.65	mg/kg wet	54.6		82.8	59.9-140.1				
Batch BK50696 - EPA 7473 soil												
Blank (BK50696-BLK1)	Blank								Prepared: 11/12/2025 Analyzed: 11/13/2025			
Mercury		ND	0.0300	mg/kg wet								
Reference (BK50696-SRM1)	Reference								Prepared: 11/12/2025 Analyzed: 11/13/2025			
Mercury		17.785		mg/kg	24.0		74.1	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50613 - Analysis Preparation Soil											
Blank (BK50613-BLK1) Blank									Prepared & Analyzed: 11/11/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BK50613-SRM1) Reference									Prepared & Analyzed: 11/11/2025		
Cyanide, total	91.1		ug/mL	111		82.1	43.5-170				
Batch BK50614 - EPA SW846-3060											
Blank (BK50614-BLK1) Blank									Prepared & Analyzed: 11/11/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BK50614-SRM1) Reference									Prepared & Analyzed: 11/11/2025		
Chromium, Hexavalent	131		mg/L	214		61.3	57.9-107.9				

Sample and Data Qualifiers Relating to This Work Order

S	S - Laboratory solvent, contamination is possible.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
JS	[Undefined]
Ja	J=Estimated Below RL
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

RI

ALS Project Number: 25K0471

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Avenue, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: see PO Quote

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	TAL Metals (include hex- and tri- chromium)	Cyanide	PFAS	1,4-Dioxane	Total Mercury	TO-15 VOCs			Grab or Comp. G/C
SB-17_11-12	11/7/25	1140	S																		X				
SB-17_13-14	↑	1145	S																		X				
SB-10_3-5		1345	S											X	X	X	X	X	X	X					
SB-10_13-15		1430	S											X	X	X	X	X	X	X					
SB-16_11-12		1450	S																		X				
SB-10_13-14		1455	S																		X				
SB-10_26-28		1500	S											X	X	X	X	X	X	X					
			S											~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					
			S																						
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Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓
- PFAS Standard 7-10 Day

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company: Laurel Winslow/Langan — Date/Time: 11/7/25 15:56	1. Samples Received by / Company: [signature] — Date/Time: 11/7/25 15:56	2. Samples Relinquished by / Company: [signature] — Date/Time: 11/7/25 20:26
2. Samples Received by / Company: — Date/Time:	3. Samples Relinquished by / Company: — Date/Time:	3. Samples Received by / Company: — Date/Time:
4. Samples Relinquished by / Company: — Date/Time:	4. Samples Received by / Company: — Date/Time:	Samples Received in LAB by: [signature] — Date/Time: 11-7-25 20:26 — Temperature: 5.3 Degrees C

PHOENIX
Environmental Laboratories, Inc.

Thursday, November 13, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25K0471
SDG ID: GCU71486
Sample ID#s: CU71486 - CU71488

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

November 13, 2025

SDG I.D.: GCU71486

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 13, 2025

SDG I.D.: GCU71486

Project ID: 25K0471

Client Id	Lab Id	Matrix	Col Date
SB-10_3-5	CU71486	SOIL	11/07/25 13:45
SB-10_13-15	CU71487	SOIL	11/07/25 14:30
SB-10_26-28	CU71488	SOIL	11/07/25 15:00

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/07/25	13:45
Location Code:	YORK-VOC	Received by:	SR1	11/11/25	11:35
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71486
Phoenix ID: CU71486

Project ID: 25K0471
Client ID: SB-10_3-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94			%		11/11/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
2-Hexanone	ND	0.033	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.033	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
Acetone	ND	0.05	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
Benzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Bromochloromethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Bromodichloromethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Bromoform	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Bromomethane	ND	0.0066	0.0026	mg/Kg	1	11/12/25	JLI	SW8260D

Project ID: 25K0471
Client ID: SB-10_3-5

Phoenix I.D.: CU71486

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Chlorobenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroform	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Chloromethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Cyclohexane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromochloromethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromomethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Ethylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Isopropylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
m&p-Xylene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.04	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Methylacetate	ND	0.066	0.066	mg/Kg	1	11/12/25	JLI	SW8260D
Methylcyclohexane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Methylene chloride	ND	0.033	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
n-Butylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
n-Propylbenzene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
o-Xylene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Styrene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Tetrachloroethene	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Toluene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Total Xylenes	ND	0.0066	0.0066	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0033	mg/Kg	1	11/12/25	JLI	SW8260D
Trichloroethene	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Vinyl chloride	ND	0.0066	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	11/12/25	JLI	70 - 130 %
% Bromofluorobenzene	85			%	1	11/12/25	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	11/12/25	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/12/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.026	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Acrolein	ND	0.0066	0.0013	mg/Kg	1	11/12/25	JLI	SW8260D
Acrylonitrile	ND	0.026	0.00066	mg/Kg	1	11/12/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.026	mg/Kg	1	11/12/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

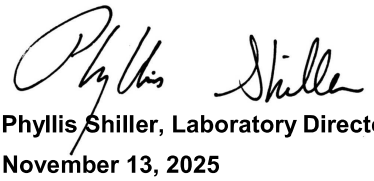
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 13, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/07/25	14:30
Location Code:	YORK-VOC	Received by:	SR1	11/11/25	11:35
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71486
Phoenix ID: CU71487

Project ID: 25K0471
Client ID: SB-10_13-15

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	63				%		11/11/25	CV	SW846-%Solid
Volatiles (TCL)									
1,1,1-Trichloroethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2-Trichloroethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichloropropane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromoethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichlorobenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloroethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloropropane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,3-Dichlorobenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,4-Dichlorobenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
2-Hexanone	ND		0.052	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
4-Methyl-2-pentanone	ND		0.052	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Acetone	0.072	S	0.05	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Benzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Bromochloromethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Bromodichloromethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Bromoform	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Bromomethane	ND		0.01	0.0042	mg/Kg	1	11/12/25	JLI	SW8260D

Project ID: 25K0471
Client ID: SB-10_13-15

Phoenix I.D.: CU71487

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	0.004	J	0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Carbon tetrachloride	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Chlorobenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroform	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloromethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Cyclohexane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromochloromethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromomethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Dichlorodifluoromethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Ethylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Hexachlorobutadiene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Isopropylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
m&p-Xylene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl ethyl ketone	0.02	J	0.062	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND		0.021	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Methylacetate	ND		0.1	0.1	mg/Kg	1	11/12/25	JLI	SW8260D
Methylcyclohexane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Methylene chloride	0.016	JS	0.05	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
n-Butylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
n-Propylbenzene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
o-Xylene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
p-Isopropyltoluene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
sec-Butylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Styrene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
tert-Butylbenzene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Tetrachloroethene	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Toluene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Total Xylenes	ND		0.01	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND		0.021	0.0052	mg/Kg	1	11/12/25	JLI	SW8260D
Trichloroethene	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorofluoromethane	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorotrifluoroethane	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Vinyl chloride	ND		0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	1	11/12/25	JLI	70 - 130 %
% Bromofluorobenzene	82				%	1	11/12/25	JLI	70 - 130 %
% Dibromofluoromethane	108				%	1	11/12/25	JLI	70 - 130 %
% Toluene-d8	89				%	1	11/12/25	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		0.042	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Acrolein	ND		0.01	0.0021	mg/Kg	1	11/12/25	JLI	SW8260D
Acrylonitrile	ND		0.042	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Tert-butyl alcohol	ND		0.21	0.042	mg/Kg	1	11/12/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

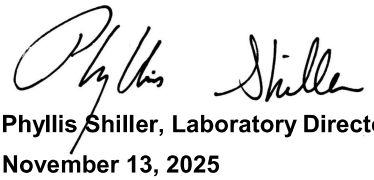
Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 13, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/07/25	15:00
Location Code:	YORK-VOC	Received by:	SR1	11/11/25	11:35
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71486
Phoenix ID: CU71488

Project ID: 25K0471
Client ID: SB-10_26-28

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		11/11/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
2-Hexanone	ND	0.051	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.051	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Acetone	ND	0.05	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Benzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Bromochloromethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Bromodichloromethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Bromoform	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Bromomethane	ND	0.01	0.0041	mg/Kg	1	11/12/25	JLI	SW8260D

Project ID: 25K0471
Client ID: SB-10_26-28

Phoenix I.D.: CU71488

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Carbon tetrachloride	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Chlorobenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroform	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Chloromethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Cyclohexane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromochloromethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromomethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Ethylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Isopropylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
m&p-Xylene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.061	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.02	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Methylacetate	ND	0.1	0.1	mg/Kg	1	11/12/25	JLI	SW8260D
Methylcyclohexane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Methylene chloride	ND	0.05	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
n-Butylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
n-Propylbenzene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
o-Xylene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
sec-Butylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Styrene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
tert-Butylbenzene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Tetrachloroethene	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Toluene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Total Xylenes	ND	0.01	0.01	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.02	0.0051	mg/Kg	1	11/12/25	JLI	SW8260D
Trichloroethene	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Vinyl chloride	ND	0.01	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	11/12/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/12/25	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	11/12/25	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/12/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.041	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Acrolein	ND	0.01	0.002	mg/Kg	1	11/12/25	JLI	SW8260D
Acrylonitrile	ND	0.041	0.001	mg/Kg	1	11/12/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.2	0.041	mg/Kg	1	11/12/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

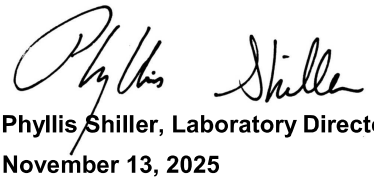
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 13, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 13, 2025

QA/QC Data

SDG I.D.: GCU71486

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 813566 (mg/Kg), QC Sample No: CU72433 (CU71486, CU71487, CU71488)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	93	96	3.2	94	95	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	98	103	5.0	99	103	4.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	101	104	2.9	106	106	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	102	102	0.0	99	101	2.0	70 - 130	30	
1,1-Dichloroethane	ND	0.005	101	107	5.8	104	105	1.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	97	102	5.0	103	102	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	102	104	1.9	76	74	2.7	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	94	114	19.2	105	108	2.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	101	103	2.0	77	74	4.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	98	100	2.0	99	101	2.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	102	105	2.9	99	102	3.0	70 - 130	30	
1,2-Dibromoethane	ND	0.005	96	99	3.1	95	96	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	103	106	2.9	98	98	0.0	70 - 130	30	
1,2-Dichloroethane	ND	0.005	93	94	1.1	91	93	2.2	70 - 130	30	
1,2-Dichloropropane	ND	0.005	100	102	2.0	100	101	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	98	102	4.0	103	103	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	102	105	2.9	96	96	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	103	107	3.8	97	97	0.0	70 - 130	30	
2-Hexanone	ND	0.025	88	92	4.4	79	82	3.7	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	95	98	3.1	90	91	1.1	70 - 130	30	
Acetone	ND	0.01	79	88	10.8	70	72	2.8	70 - 130	30	
Acrolein	ND	0.025	105	109	3.7	46	44	4.4	70 - 130	30	m
Acrylonitrile	ND	0.005	102	109	6.6	98	99	1.0	70 - 130	30	
Benzene	ND	0.001	100	102	2.0	101	104	2.9	70 - 130	30	
Bromochloromethane	ND	0.005	99	102	3.0	100	102	2.0	70 - 130	30	
Bromodichloromethane	ND	0.005	94	95	1.1	93	94	1.1	70 - 130	30	
Bromoform	ND	0.005	87	88	1.1	82	83	1.2	70 - 130	30	
Bromomethane	ND	0.005	99	104	4.9	102	100	2.0	70 - 130	30	
Carbon Disulfide	ND	0.005	90	95	5.4	93	94	1.1	70 - 130	30	
Carbon tetrachloride	ND	0.005	93	99	6.3	96	98	2.1	70 - 130	30	
Chlorobenzene	ND	0.005	98	101	3.0	97	97	0.0	70 - 130	30	
Chloroethane	ND	0.005	106	112	5.5	104	112	7.4	70 - 130	30	
Chloroform	ND	0.005	97	101	4.0	98	100	2.0	70 - 130	30	
Chloromethane	ND	0.005	116	122	5.0	111	114	2.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	107	111	3.7	108	110	1.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	98	98	0.0	93	95	2.1	70 - 130	30	
Cyclohexane	ND	0.005	101	108	6.7	104	105	1.0	70 - 130	30	
Dibromochloromethane	ND	0.003	88	90	2.2	87	88	1.1	70 - 130	30	
Dibromomethane	ND	0.005	101	103	2.0	98	100	2.0	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	116	124	6.7	104	105	1.0	70 - 130	30	
Ethylbenzene	ND	0.001	95	100	5.1	97	98	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCU71486

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorobutadiene	ND	0.005	97	101	4.0	78	78	0.0	70 - 130	30
Isopropylbenzene	ND	0.001	101	105	3.9	109	110	0.9	70 - 130	30
m&p-Xylene	ND	0.002	93	97	4.2	93	94	1.1	70 - 130	30
Methyl ethyl ketone	ND	0.005	97	100	3.0	89	89	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	0.001	97	104	7.0	85	86	1.2	70 - 130	30
Methylacetate	ND	0.005	99	104	4.9	110	108	1.8	70 - 130	30
Methylcyclohexane	ND	0.005	95	98	3.1	91	93	2.2	70 - 130	30
Methylene chloride	ND	0.005	89	89	0.0	93	94	1.1	70 - 130	30
n-Butylbenzene	ND	0.001	105	109	3.7	98	100	2.0	70 - 130	30
n-Propylbenzene	ND	0.001	99	103	4.0	104	106	1.9	70 - 130	30
o-Xylene	ND	0.002	95	98	3.1	95	96	1.0	70 - 130	30
p-Isopropyltoluene	ND	0.001	100	104	3.9	101	102	1.0	70 - 130	30
sec-Butylbenzene	ND	0.001	99	104	4.9	102	103	1.0	70 - 130	30
Styrene	ND	0.005	95	96	1.0	89	89	0.0	70 - 130	30
tert-butyl alcohol	ND	0.1	91	90	1.1	107	97	9.8	70 - 130	30
tert-Butylbenzene	ND	0.001	101	105	3.9	107	108	0.9	70 - 130	30
Tetrachloroethene	ND	0.005	98	101	3.0	97	98	1.0	70 - 130	30
Toluene	ND	0.001	102	103	1.0	100	102	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	0.005	94	97	3.1	96	97	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	0.005	96	96	0.0	89	90	1.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	0.005	90	93	3.3	87	88	1.1	70 - 130	30
Trichloroethene	ND	0.005	99	101	2.0	98	101	3.0	70 - 130	30
Trichlorofluoromethane	ND	0.005	106	111	4.6	104	108	3.8	70 - 130	30
Trichlorotrifluoroethane	ND	0.005	103	109	5.7	109	107	1.9	70 - 130	30
Vinyl chloride	ND	0.005	99	105	5.9	100	102	2.0	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	101	101	0.0	102	100	2.0	70 - 130	30
% Bromofluorobenzene	92	%	97	98	1.0	95	95	0.0	70 - 130	30
% Dibromofluoromethane	102	%	99	96	3.1	96	96	0.0	70 - 130	30
% Toluene-d8	91	%	100	99	1.0	100	101	1.0	70 - 130	30

m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 13, 2025

Thursday, November 13, 2025

Criteria: NY: 375GWP

State: NY

Sample Criteria Exceedances Report

GCU71486 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU71487	$8260_COMPT	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	72	50	50	50	ug/kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 13, 2025

SDG I.D.: GCU71486

The samples in this delivery group were received at 3.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

YORK
Analytical Laboratories, Inc.

11/10/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0471 CwI 3.9°C

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: SB-10_3-5 71486 **York Ref: 25K0471-03**

Matrix: Soil **Date Sampled :** 11/07/2025 13:45

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/17/2025 19:00	11/21/2025 13:45	VOC 8260 Comprehensive/TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB-10_13-15 71487 **York Ref: 25K0471-04**

Matrix: Soil **Date Sampled :** 11/07/2025 14:30

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/17/2025 19:00	11/21/2025 14:30	VOC 8260 Comprehensive/TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0471

Samples from State of: **NY**
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	11/10/2025	[signature]	11-1-25 11:35
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

11/10/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0471 CwI 3.9°C

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB-10_26-28 71488 **York Ref: 25K0471-07**

Matrix: Soil **Date Sampled :** 11/07/2025 15:00

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	**11/17/2025 19:00**	**11/21/2025 15:00**	**VOC 8260 Comprehensive/TCL List**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0471

Samples from State of: **NY**
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	11/10/2025		11-11-25 11:35
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 12/23/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0510

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 12/23/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0510

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 10, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0510-01	SB-11_25-27	Soil	11/10/2025	11/10/2025
25K0510-02	SB-16_11-12	Soil	11/10/2025	11/10/2025
25K0510-03	SB-16_13-14	Soil	11/10/2025	11/10/2025

General Notes for York Project (SDG) No.: 25K0510

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Cassie Mosher
Laboratory Manager - Stratford

Samantha Henningsen
Laboratory Director - Queens

Date: 12/23/2025

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
56-55-3	**Benzo(a)anthracene**	**0.0850**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
50-32-8	**Benzo(a)pyrene**	**0.0871**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
205-99-2	**Benzo(b)fluoranthene**	**0.0730**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
191-24-2	**Benzo(g,h,i)perylene**	**0.0449**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
207-08-9	**Benzo(k)fluoranthene**	**0.0688**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
105-60-2	Caprolactam	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
218-01-9	**Chrysene**	**0.0801**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0879	0.175	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	PADEP-68-04440,NYSDOH-NY10854		
206-44-0	**Fluoranthene**	**0.162**		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0499**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
85-01-8	**Phenanthrene**	**0.0780**	J	mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
129-00-0	**Pyrene**	**0.138**		mg/kg dry	0.0440	0.0879	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	11/13/2025 08:00	11/15/2025 01:50	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	3.63	19.6	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 13:14	ak
								Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*126 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.415	0.426	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0745	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0532	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0745	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0745	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0745	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.149	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.532	0.532	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0851	0.426	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0319	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0745	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0638	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.192	0.809	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.170	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.170	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0638	0.379	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0426	0.426	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.426	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0745	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.234	0.798	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.245	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.234	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.287	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
919005-14-4	ADONA	ND		ug/kg dry	0.277	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.340	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.777	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.00	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.777	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.489	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0958	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 08:22	11/14/2025 08:49	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*95.7 %*			*40-135*						
2328025-54-8	*Surrogate: M5PFHxA*	*92.5 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*99.2 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*89.4 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*92.5 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*95.8 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*79.6 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*81.4 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.7 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*90.1 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*92.2 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.7 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.5 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.5 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*95.1 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*118 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.7 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.2 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.1 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*85.4 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*79.2 %*			*20-130*						

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-20-8	Endrin	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	0.00174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	0.174	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	0.0349	5	EPA 8081B	11/11/2025 08:21	11/11/2025 18:10	RJ
								Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*68.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A	11/13/2025 08:00	11/14/2025 21:32	NF
								Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0207	0.0207	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:14	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0207	0.0207	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:14	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
94-75-7	2,4-D	ND		mg/kg dry	0.0207	0.0207	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:14	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*96.6 %*			*21-150*						

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.229**		mg/kg dry	0.0319	0.0319	1	EPA 7473	11/12/2025 08:31	11/13/2025 09:41	LCB
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5850**		mg/kg dry	4.43	4.43	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-36-0	Antimony	ND		mg/kg dry	2.22	2.22	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**4.20**		mg/kg dry	1.33	1.33	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**42.7**		mg/kg dry	2.21	2.21	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	**Beryllium**	**0.100**		mg/kg dry	0.045	0.045	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	0.266	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**1910**		mg/kg dry	4.43	4.43	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.444	0.444	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**5.16**		mg/kg dry	0.354	0.354	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**20.1**		mg/kg dry	1.77	1.77	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**14300**		mg/kg dry	22.2	22.2	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	**Lead**	**24.0**		mg/kg dry	0.444	0.444	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**3020**		mg/kg dry	4.44	4.44	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**378**		mg/kg dry	0.444	0.444	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	**Nickel**	**12.6**		mg/kg dry	0.883	0.883	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**986**		mg/kg dry	4.44	4.44	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.22	2.22	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	Silver	ND		mg/kg dry	0.447	0.447	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**165**		mg/kg dry	44.3	44.3	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.78	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	**Vanadium**	**18.2**		mg/kg dry	0.883	0.883	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	**Zinc**	**47.6**		mg/kg dry	2.21	2.21	1	EPA 6010D	11/13/2025 14:36	11/14/2025 11:19	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	0.532	1	EPA 9014/9010C	11/11/2025 09:35	11/11/2025 16:16	JMT
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.867**		mg/kg dry	0.372	0.532	1	EPA 7196A	11/13/2025 10:04	11/14/2025 13:34	JMT
								Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.8**		mg/kg	0.250	0.500	1	Calculation	11/14/2025 15:21	11/14/2025 15:30	SL
								Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	0.100	1	SM 2540G	11/12/2025 08:28	11/12/2025 09:06	BF
								Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.025	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0062	0.05	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00062	0.025	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
71-43-2	Benzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0025	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0062	0.037	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0012	0.012	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.062	0.062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
100-42-5	Styrene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.025	0.12	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
108-88-3	Toluene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007

Sample Information

Client Sample ID: SB-11_25-27 **York Sample ID:** 25K0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 10:30 am	11/10/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0031	0.012	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/10/2025 10:30	11/12/2025 03:39	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*99 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*97 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*96 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*98 %*	*70-130*

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOL	**Percent Solid**	**95**		%			1	SW846-%Solid Certifications: NY-11301	11/10/2025 10:30	11/11/2025 22:20	CT007

Sample Information

Client Sample ID: SB-16_11-12 **York Sample ID:** 25K0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 12:35 pm	11/10/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.991**	B	mg/kg dry	0.0509	0.0509	1	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**64.8**		%	0.100	0.100	1	SM 2540G	11/12/2025 08:28	11/12/2025 09:06	BF
								Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-16_13-14 **York Sample ID:** 25K0510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0510	170794301	Soil	November 10, 2025 12:40 pm	11/10/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.954**	B	mg/kg dry	0.0493	0.0493	1	EPA 7471B	11/12/2025 07:38	11/12/2025 07:38	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**66.9**		%	0.100	0.100	1	SM 2540G	11/12/2025 08:28	11/12/2025 09:06	BF
								Certifications:	CTDPH-PH-0840		

Analytical Batch Summary

Batch ID: [none] **Preparation Method:** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/10/25

Batch ID: 813906A **Preparation Method:** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/10/25
CU72228-BLK	BLK	
CU72228-LCS	LCS	
CU72228-LCSD	LCSD	

Batch ID: BK50594 **Preparation Method:** EPA 3546 PPCB **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/11/25
BK50594-BLK1	Blank	11/11/25
BK50594-BS1	LCS	11/11/25

Batch ID: BK50596 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/11/25
BK50596-BLK1	Blank	11/11/25
BK50596-BS1	LCS	11/11/25
BK50596-BS2	LCS	11/11/25
BK50596-DUP1	Duplicate	11/11/25

Batch ID: BK50613 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/11/25
BK50613-BLK1	Blank	11/11/25
BK50613-SRM1	Reference	11/11/25

Batch ID: BK50678 **Preparation Method:** EPA SW846-7471B **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-02	SB-16_11-12	11/12/25
25K0510-03	SB-16_13-14	11/12/25
BK50678-BLK1	Blank	11/12/25
BK50678-SRM1	Reference	11/12/25

Batch ID: BK50694 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/12/25
25K0510-02	SB-16_11-12	11/12/25
25K0510-03	SB-16_13-14	11/12/25

Batch ID: BK50696 **Preparation Method:** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/12/25
BK50696-BLK1	Blank	11/12/25
BK50696-SRM1	Reference	11/12/25

Batch ID: BK50741 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25
BK50741-BLK1	Blank	11/13/25
BK50741-BS1	LCS	11/13/25

Batch ID: BK50744 **Preparation Method:** EPA 3546 PPCB **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25
BK50744-BLK1	Blank	11/13/25
BK50744-BS2	LCS	11/13/25

Batch ID: BK50803 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25
BK50803-BLK1	Blank	11/13/25
BK50803-SRM1	Reference	11/13/25

Batch ID: BK50819 **Preparation Method:** EPA 3550C **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25
BK50819-BLK1	Blank	11/13/25
BK50819-BS1	LCS	11/13/25

Batch ID: BK50820 **Preparation Method:** EPA 3550C/8151A **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25

BK50820-BLK1	Blank	11/13/25
BK50820-BS1	LCS	11/13/25

Batch ID: BK50830 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/13/25
BK50830-BLK1	Blank	11/13/25
BK50830-SRM1	Reference	11/13/25

Batch ID: BK50932 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0510-01	SB-11_25-27	11/14/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50741 - EPA 3550C											
Blank (BK50741-BLK1) Blank									Prepared & Analyzed: 11/13/2025		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50741 - EPA 3550C											
Blank (BK50741-BLK1) Blank									Prepared & Analyzed: 11/13/2025		
Dibenzo(a,h)anthracene	ND	0.0416	mg/kg wet								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.642*		"	*1.66*		*38.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.546*		"	*1.66*		*32.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.350*		"	*0.831*		*42.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.353*		"	*0.831*		*42.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.01*		"	*1.66*		*60.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.426*		"	*0.831*		*51.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50741 - EPA 3550C

LCS (BK50741-BS1) LCS — Prepared & Analyzed: 11/13/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.356	0.0416	mg/kg wet	0.831		42.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.499	0.0830	"	0.831		60.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.343	0.0416	"	0.831		41.2	17-137				
2,3,4,6-Tetrachlorophenol	0.463	0.0830	"	0.831		55.7	30-130				
2,4,5-Trichlorophenol	0.373	0.0416	"	0.831		44.9	27-118				
2,4,6-Trichlorophenol	0.407	0.0416	"	0.831		49.0	31-120				
2,4-Dichlorophenol	0.445	0.0416	"	0.831		53.6	20-127				
2,4-Dimethylphenol	0.377	0.0416	"	0.831		45.4	14-132				
2,4-Dinitrophenol	0.322	0.0830	"	0.831		38.8	10-171				
2,4-Dinitrotoluene	0.414	0.0416	"	0.831		49.9	34-131				
2,6-Dinitrotoluene	0.394	0.0416	"	0.831		47.4	31-128				
2-Chloronaphthalene	0.371	0.0416	"	0.831		44.6	31-117				
2-Chlorophenol	0.363	0.0416	"	0.831		43.7	33-113				
2-Methylnaphthalene	0.402	0.0416	"	0.831		48.4	12-138				
2-Methylphenol	0.331	0.0416	"	0.831		39.8	10-136				
2-Nitroaniline	0.397	0.0830	"	0.831		47.8	27-132				
2-Nitrophenol	0.477	0.0416	"	0.831		57.4	17-129				
3- & 4-Methylphenols	0.284	0.0416	"	0.831		34.2	29-103				
3,3-Dichlorobenzidine	0.336	0.0416	"	0.831		40.5	22-149				
3-Nitroaniline	0.334	0.0830	"	0.831		40.2	20-133				
4,6-Dinitro-2-methylphenol	0.528	0.0830	"	0.831		63.6	10-143				
4-Bromophenyl phenyl ether	0.440	0.0416	"	0.831		53.0	29-120				
4-Chloro-3-methylphenol	0.429	0.0416	"	0.831		51.7	24-129				
4-Chloroaniline	0.223	0.0416	"	0.831		26.9	10-132				
4-Chlorophenyl phenyl ether	0.388	0.0416	"	0.831		46.7	27-124				
4-Nitroaniline	0.339	0.0830	"	0.831		40.8	16-128				
4-Nitrophenol	0.272	0.0830	"	0.831		32.8	10-141				
Acenaphthene	0.339	0.0416	"	0.831		40.8	30-121				
Acenaphthylene	0.374	0.0416	"	0.831		45.1	30-115				
Acetophenone	0.317	0.0416	"	0.831		38.2	20-112				
Aniline	0.198	0.166	"	0.831		23.9	10-119				
Anthracene	0.386	0.0416	"	0.831		46.5	34-118				
Atrazine	0.350	0.0416	"	0.831		42.1	26-112				
Benzaldehyde	0.227	0.0416	"	0.831		27.3	21-100				
Benzo(a)anthracene	0.396	0.0416	"	0.831		47.7	32-122				
Benzo(a)pyrene	0.349	0.0416	"	0.831		42.0	29-133				
Benzo(b)fluoranthene	0.351	0.0416	"	0.831		42.3	25-133				
Benzo(g,h,i)perylene	0.357	0.0416	"	0.831		43.0	10-143				
Benzo(k)fluoranthene	0.379	0.0416	"	0.831		45.7	25-128				
Benzoic acid	0.174	0.0416	"	0.831		21.0	10-140				
Benzyl alcohol	0.322	0.0416	"	0.831		38.7	30-115				
Benzyl butyl phthalate	0.391	0.0416	"	0.831		47.1	26-126				
Bis(2-chloroethoxy)methane	0.379	0.0416	"	0.831		45.6	19-132				
Bis(2-chloroethyl)ether	0.300	0.0416	"	0.831		36.1	19-125				
Bis(2-chloroisopropyl)ether	0.213	0.0416	"	0.831		25.6	20-135				
Bis(2-ethylhexyl)phthalate	0.394	0.0416	"	0.831		47.5	10-155				
Caprolactam	0.359	0.0830	"	0.831		43.3	10-127				
Carbazole	0.389	0.0416	"	0.831		46.8	35-123				
Chrysene	0.392	0.0416	"	0.831		47.2	32-123				
Dibenzo(a,h)anthracene	0.350	0.0416	"	0.831		42.1	10-136				
Dibenzofuran	0.376	0.0416	"	0.831		45.2	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50741 - EPA 3550C											
LCS (BK50741-BS1) LCS							Prepared & Analyzed: 11/13/2025				
Diethyl phthalate	0.357	0.0416	mg/kg wet	0.831		43.0	34-116				
Dimethyl phthalate	0.366	0.0416	"	0.831		44.1	35-124				
Di-n-butyl phthalate	0.386	0.0416	"	0.831		46.4	31-116				
Di-n-octyl phthalate	0.376	0.0416	"	0.831		45.3	26-136				
Diphenylamine	0.482	0.0830	"	0.831		58.0	40-140				
Fluoranthene	0.383	0.0416	"	0.831		46.1	33-122				
Fluorene	0.374	0.0416	"	0.831		45.0	29-123				
Hexachlorobenzene	0.399	0.0416	"	0.831		48.0	21-124				
Hexachlorobutadiene	0.511	0.0416	"	0.831		61.5	10-149				
Hexachlorocyclopentadiene	0.125	0.0416	"	0.831		15.1	10-129				
Hexachloroethane	0.358	0.0416	"	0.831		43.1	28-108				
Indeno(1,2,3-cd)pyrene	0.394	0.0416	"	0.831		47.4	10-135				
Isophorone	0.369	0.0416	"	0.831		44.4	20-132				
Naphthalene	0.419	0.0416	"	0.831		50.5	23-124				
Nitrobenzene	0.358	0.0416	"	0.831		43.2	13-132				
N-Nitrosodimethylamine	0.254	0.0416	"	0.831		30.6	11-129				
N-nitroso-di-n-propylamine	0.282	0.0416	"	0.831		34.0	24-119				
N-Nitrosodiphenylamine	0.476	0.0416	"	0.831		57.4	22-152				
Pentachlorophenol	0.400	0.0416	"	0.831		48.2	10-139				
Phenanthrene	0.386	0.0416	"	0.831		46.5	33-123				
Phenol	0.336	0.0416	"	0.831		40.4	23-115				
Pyrene	0.415	0.0416	"	0.831		50.0	24-130				
Pyridine	0.211	0.166	"	0.831		25.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.634*		"	*1.66*		*38.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.572*		"	*1.66*		*34.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.344*		"	*0.831*		*41.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.356*		"	*0.831*		*42.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.04*		"	*1.66*		*62.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.399*		"	*0.831*		*48.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50819 - EPA 3550C											
Blank (BK50819-BLK1) Blank									Prepared: 11/13/2025 Analyzed: 11/14/2025		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*610*		*"*	*500*		*122*	*39-127.5*				
LCS (BK50819-BS1) LCS									Prepared: 11/13/2025 Analyzed: 11/14/2025		
1,4-Dioxane	393	20.0	ug/kg	500		78.6	40-130				
Surrogate: 1,4-Dioxane-d8	*560*		*"*	*500*		*112*	*39-127.5*				

Batch BK50596 - EPA 1633 Prep

Blank (BK50596-BLK1) Blank — Prepared: 11/11/2025 Analyzed: 11/13/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.46*		"	*2.33*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*40-130*				
Surrogate: M4PFHpA	*2.43*		"	*2.50*		*97.1*	*40-130*				
Surrogate: M3PFHxS	*2.27*		"	*2.37*		*96.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		"	*2.50*		*95.6*	*40-130*				
Surrogate: M6PFDA	*1.11*		"	*1.25*		*88.9*	*40-130*				
Surrogate: M7PFUdA	*0.981*		"	*1.25*		*78.5*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.916*		"	*1.25*		*73.3*	*40-130*				
Surrogate: M2PFTeDA	*0.882*		"	*1.25*		*70.6*	*20-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
Blank (BK50596-BLK1) Blank								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.60*		*ug/kg wet*	*10.0*		*96.0*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.10*		*"*	*2.40*		*87.6*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.20*		*"*	*5.00*		*104*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.32*		*"*	*2.50*		*93.0*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.34*		*"*	*5.00*		*86.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.81*		*"*	*5.00*		*76.2*	*40-150*				
Surrogate: M2-6:2 FTS	*5.96*		*"*	*4.76*		*125*	*40-215*				
Surrogate: M2-8:2 FTS	*5.96*		*"*	*4.80*		*124*	*40-275*				
Surrogate: M9PFNA	*1.14*		*"*	*1.25*		*90.9*	*40-130*				
Surrogate: M2-4:2 FTS	*6.31*		*"*	*4.69*		*134*	*40-165*				
Surrogate: d-N-MeFOSA	*1.87*		*"*	*2.50*		*74.7*	*10-130*				
Surrogate: d-N-EtFOSA	*1.90*		*"*	*2.50*		*75.9*	*10-130*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*10.0*		*103*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.1*		*"*	*25.0*		*84.3*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.4*		*"*	*25.0*		*81.6*	*20-130*				
LCS (BK50596-BS1) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.62	0.177	ug/kg wet	3.54		102	65-145				
Perfluorohexanoic acid (PFHxA)	4.22	0.200	"	4.00		105	65-140				
Perfluoroheptanoic acid (PFHpA)	3.93	0.200	"	4.00		98.3	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.02	0.183	"	3.66		110	60-150				
Perfluorooctanoic acid (PFOA)	3.76	0.200	"	4.00		94.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.12	0.186	"	3.72		111	65-160				
Perfluorononanoic acid (PFNA)	4.24	0.200	"	4.00		106	70-155				
Perfluorodecanoic acid (PFDA)	3.97	0.200	"	4.00		99.3	70-155				
Perfluoroundecanoic acid (PFUnA)	4.49	0.200	"	4.00		112	70-155				
Perfluorododecanoic acid (PFDoA)	3.86	0.200	"	4.00		96.5	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.84	0.200	"	4.00		96.0	65-150				
Perfluorotetradecanoic acid (PFTA)	4.15	0.200	"	4.00		104	65-150				
N-MeFOSAA	4.46	0.200	"	4.00		111	65-155				
N-EtFOSAA	4.44	0.500	"	4.00		111	65-165				
Perfluoropentanoic acid (PFPeA)	8.08	0.400	"	8.00		101	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.15	0.200	"	4.00		104	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.65	0.200	"	3.82		122	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.31	0.193	"	3.86		85.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.9	0.760	"	15.2		97.9	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.4	0.768	"	15.4		101	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.7	0.800	"	16.0		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.25	0.356	"	7.12		102	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.72	0.400	"	8.00		109	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.18	0.400	"	8.00		102	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.39	0.400	"	8.00		105	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.13	0.188	"	3.76		110	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.9	60-150				
HFPO-DA (Gen-X)	8.51	0.800	"	8.00		106	70-145				
11CL-PF3OUdS	3.84	0.756	"	7.56		50.8	45-160				
9CL-PF3ONS	4.36	0.748	"	7.48		58.2	70-150	Low Bias			
ADONA	8.01	0.756	"	7.56		106	70-160				

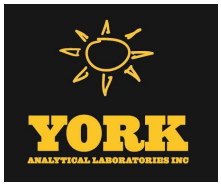
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS1) LCS									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.51	0.194	ug/kg wet	3.88		90.5	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.73	0.192	"	3.84		97.2	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.7	1.00	"	16.0		97.9	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	79.3	5.00	"	80.0		99.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	78.1	5.00	"	80.0		97.6	60-150				
N-MeFOSE	41.6	2.00	"	40.0		104	70-140				
N-MeFOSA	4.05	0.200	"	4.00		101	70-155				
N-EtFOSE	41.2	2.00	"	40.0		103	70-135				
N-EtFOSA	3.80	0.200	"	4.00		95.1	70-140				
Surrogate: M3PFBS	*2.17*		*"*	*2.33*		*93.1*	*40-135*				
Surrogate: M5PFHxA	*2.19*		*"*	*2.50*		*87.7*	*40-130*				
Surrogate: M4PFHpA	*2.19*		*"*	*2.50*		*87.7*	*40-130*				
Surrogate: M3PFHxS	*1.93*		*"*	*2.37*		*81.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.13*		*"*	*2.50*		*85.4*	*40-130*				
Surrogate: M6PFDA	*0.816*		*"*	*1.25*		*65.3*	*40-130*				
Surrogate: M7PFUdA	*0.661*		*"*	*1.25*		*52.9*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.656*		*"*	*1.25*		*52.5*	*40-130*				
Surrogate: M2PFTeDA	*0.645*		*"*	*1.25*		*51.6*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.69*		*"*	*10.0*		*86.9*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.37*		*"*	*2.40*		*57.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.55*		*"*	*5.00*		*91.1*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.68*		*"*	*2.50*		*67.3*	*40-130*				
Surrogate: d3-N-MeFOSAA	*2.90*		*"*	*5.00*		*57.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*2.47*		*"*	*5.00*		*49.3*	*40-150*				
Surrogate: M2-6:2 FTS	*4.21*		*"*	*4.76*		*88.6*	*40-215*				
Surrogate: M2-8:2 FTS	*3.86*		*"*	*4.80*		*80.4*	*40-275*				
Surrogate: M9PFNA	*0.901*		*"*	*1.25*		*72.1*	*40-130*				
Surrogate: M2-4:2 FTS	*4.62*		*"*	*4.69*		*98.4*	*40-165*				
Surrogate: d-N-MeFOSA	*1.28*		*"*	*2.50*		*51.1*	*10-130*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.50*		*52.9*	*10-130*				
Surrogate: M3HFPO-DA	*9.31*		*"*	*10.0*		*93.1*	*40-130*				
Surrogate: d9-N-EtFOSE	*14.1*		*"*	*25.0*		*56.4*	*15-130*				
Surrogate: d7-N-MeFOSE	*14.2*		*"*	*25.0*		*56.9*	*20-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS2) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	0.335	0.177	ug/kg wet	0.354		94.7	65-145				
Perfluorohexanoic acid (PFHxA)	0.352	0.200	"	0.400		88.1	65-140				
Perfluoroheptanoic acid (PFHpA)	0.355	0.200	"	0.400		88.8	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.359	0.183	"	0.366		98.0	60-150				
Perfluorooctanoic acid (PFOA)	0.349	0.200	"	0.400		87.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.466	0.186	"	0.372		125	65-160				
Perfluorononanoic acid (PFNA)	0.329	0.200	"	0.400		82.3	70-155				
Perfluorodecanoic acid (PFDA)	0.382	0.200	"	0.400		95.6	70-155				
Perfluoroundecanoic acid (PFUnA)	0.355	0.200	"	0.400		88.9	70-155				
Perfluorododecanoic acid (PFDoA)	0.304	0.200	"	0.400		76.1	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.400	0.200	"	0.400		99.9	65-150				
Perfluorotetradecanoic acid (PFTA)	0.385	0.200	"	0.400		96.2	65-150				
N-MeFOSAA	0.393	0.200	"	0.400		98.3	65-155				
N-EtFOSAA	0.396	0.500	"	0.400		98.9	65-165				
Perfluoropentanoic acid (PFPeA)	0.747	0.400	"	0.800		93.3	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.359	0.200	"	0.400		89.8	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.349	0.200	"	0.382		91.4	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.392	0.193	"	0.386		102	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.39	0.760	"	1.52		91.7	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.40	0.768	"	1.54		91.2	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.52	0.800	"	1.60		95.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.663	0.356	"	0.712		93.1	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.620	0.400	"	0.800		77.5	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.795	0.400	"	0.800		99.4	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.828	0.400	"	0.800		104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.303	0.188	"	0.376		80.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.34	0.750	"	1.50		89.7	60-150				
HFPO-DA (Gen-X)	0.664	0.800	"	0.800		83.0	70-145				
11CL-PF3OUdS	0.455	0.756	"	0.756		60.2	45-160				
9CL-PF3ONS	0.465	0.748	"	0.748		62.1	70-150	Low Bias			
ADONA	0.660	0.756	"	0.756		87.3	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.318	0.194	"	0.388		81.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.319	0.192	"	0.384		83.2	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.74	1.00	"	1.60		109	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.86	5.00	"	8.00		111	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	9.07	5.00	"	8.00		113	60-150				
N-MeFOSE	4.05	2.00	"	4.00		101	70-140				
N-MeFOSA	0.489	0.200	"	0.400		122	70-155				
N-EtFOSE	4.15	2.00	"	4.00		104	70-135				
N-EtFOSA	0.507	0.200	"	0.400		127	70-140				
Surrogate: M3PFBS	*2.15*		"	*2.33*		*92.5*	*40-135*				
Surrogate: M5PFHxA	*2.27*		"	*2.50*		*90.9*	*40-130*				
Surrogate: M4PFHpA	*2.27*		"	*2.50*		*91.0*	*40-130*				
Surrogate: M3PFHxS	*2.08*		"	*2.37*		*87.9*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.28*		"	*2.50*		*91.2*	*40-130*				
Surrogate: M6PFDA	*0.939*		"	*1.25*		*75.1*	*40-130*				
Surrogate: M7PFUdA	*0.835*		"	*1.25*		*66.8*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.783*		"	*1.25*		*62.6*	*40-130*				
Surrogate: M2PFTeDA	*0.740*		"	*1.25*		*59.2*	*20-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
LCS (BK50596-BS2) LCS									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.00*		*ug/kg wet*	*10.0*		*90.0*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.84*		*"*	*2.40*		*76.8*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*5.00*		*94.9*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.06*		*"*	*2.50*		*82.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.73*		*"*	*5.00*		*74.6*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*5.00*		*71.0*	*40-150*				
Surrogate: M2-6:2 FTS	*5.13*		*"*	*4.76*		*108*	*40-215*				
Surrogate: M2-8:2 FTS	*5.14*		*"*	*4.80*		*107*	*40-275*				
Surrogate: M9PFNA	*1.09*		*"*	*1.25*		*86.8*	*40-130*				
Surrogate: M2-4:2 FTS	*5.49*		*"*	*4.69*		*117*	*40-165*				
Surrogate: d-N-MeFOSA	*1.51*		*"*	*2.50*		*60.4*	*10-130*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.5*	*10-130*				
Surrogate: M3HFPO-DA	*8.66*		*"*	*10.0*		*86.6*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*25.0*		*73.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.3*		*"*	*25.0*		*73.0*	*20-130*				
Duplicate (BK50596-DUP1) Duplicate *Source sample: 25K0510-01 (SB-11_25-27)									Prepared: 11/11/2025 Analyzed: 11/14/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.188	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.213	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.213	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.195	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.213	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	0.0784	0.198	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.213	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.213	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.213	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.213	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.213	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.213	"		ND					30	
N-MeFOSAA	ND	0.213	"		ND					30	
N-EtFOSAA	ND	0.532	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.426	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.213	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.213	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.205	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.809	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.817	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.851	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.379	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.426	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.426	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.426	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.798	"		ND					30	
HFPO-DA (Gen-X)	ND	0.851	"		ND					30	
11CL-PF3OUdS	ND	0.804	"		ND					30	
9CL-PF3ONS	ND	0.796	"		ND					30	
ADONA	ND	0.804	"		ND					30	



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50596 - EPA 1633 Prep											
Duplicate (BK50596-DUP1) Duplicate	*Source sample: 25K0510-01 (SB-11_25-27)								Prepared: 11/11/2025 Analyzed: 11/14/2025		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.206	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.204	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.06	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.32	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.32	"		ND					30	
N-MeFOSE	ND	2.13	"		ND					30	
N-MeFOSA	ND	0.213	"		ND					30	
N-EtFOSE	ND	2.13	"		ND					30	
N-EtFOSA	ND	0.213	"		ND					30	
Surrogate: M3PFBS	*2.51*		"	*2.48*		*101*	*40-135*				
Surrogate: M5PFHxA	*2.43*		"	*2.66*		*91.2*	*40-130*				
Surrogate: M4PFHpA	*2.61*		"	*2.66*		*98.1*	*40-130*				
Surrogate: M3PFHxS	*2.45*		"	*2.52*		*97.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.43*		"	*2.66*		*91.2*	*40-130*				
Surrogate: M6PFDA	*1.29*		"	*1.33*		*96.9*	*40-130*				
Surrogate: M7PFUdA	*1.14*		"	*1.33*		*86.1*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.14*		"	*1.33*		*86.1*	*40-130*				
Surrogate: M2PFTeDA	*0.933*		"	*1.33*		*70.2*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.45*		"	*10.6*		*88.8*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.31*		"	*2.55*		*90.8*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.89*		"	*5.32*		*92.0*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.66*		*89.2*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.99*		"	*5.32*		*93.7*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.47*		"	*5.32*		*84.1*	*40-150*				
Surrogate: M2-6:2 FTS	*5.70*		"	*5.06*		*113*	*40-215*				
Surrogate: M2-8:2 FTS	*6.07*		"	*5.11*		*119*	*40-275*				
Surrogate: M9PFNA	*1.25*		"	*1.33*		*93.9*	*40-130*				
Surrogate: M2-4:2 FTS	*5.76*		"	*4.99*		*116*	*40-165*				
Surrogate: d-N-MeFOSA	*2.04*		"	*2.66*		*76.5*	*10-130*				
Surrogate: d-N-EtFOSA	*1.97*		"	*2.66*		*74.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.1*		"	*10.6*		*94.8*	*40-130*				
Surrogate: d9-N-EtFOSE	*19.7*		"	*26.6*		*74.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.6*		"	*26.6*		*69.9*	*20-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50594 - EPA 3546 PPCB											
Blank (BK50594-BLK1) Blank								Prepared & Analyzed: 11/11/2025			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0416*		*"*	*0.0664*		*62.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0535*		*"*	*0.0664*		*80.5*	*30-150*				
LCS (BK50594-BS1) LCS								Prepared & Analyzed: 11/11/2025			
4,4'-DDD	0.0180	0.00164	mg/kg wet	0.0332		54.1	40-140				
4,4'-DDE	0.0185	0.00164	"	0.0332		55.6	40-140				
4,4'-DDT	0.0167	0.00164	"	0.0332		50.4	40-140				
Aldrin	0.0198	0.00164	"	0.0332		59.6	40-140				
alpha-BHC	0.0193	0.00164	"	0.0332		58.1	40-140				
alpha-Chlordane	0.0179	0.00164	"	0.0332		53.9	40-140				
beta-BHC	0.0222	0.00164	"	0.0332		67.0	40-140				
delta-BHC	0.0146	0.00164	"	0.0332		43.8	40-140				
Dieldrin	0.0179	0.00164	"	0.0332		53.9	40-140				
Endosulfan I	0.0197	0.00164	"	0.0332		59.3	40-140				
Endosulfan II	0.0212	0.00164	"	0.0332		63.7	40-140				
Endosulfan sulfate	0.0201	0.00164	"	0.0332		60.4	40-140				
Endrin	0.0175	0.00164	"	0.0332		52.6	40-140				
Endrin aldehyde	0.0179	0.00164	"	0.0332		53.9	40-140				
Endrin ketone	0.0188	0.00164	"	0.0332		56.6	40-140				
gamma-BHC (Lindane)	0.0189	0.00164	"	0.0332		56.8	40-140				
gamma-Chlordane	0.0181	0.00164	"	0.0332		54.4	40-140				
Heptachlor	0.0177	0.00164	"	0.0332		53.4	40-140				
Heptachlor epoxide	0.0187	0.00164	"	0.0332		56.4	40-140				
Methoxychlor	0.0209	0.00164	"	0.0332		62.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0383*		*"*	*0.0664*		*57.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0303*		*"*	*0.0664*		*45.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50744 - EPA 3546 PPCB											
Blank (BK50744-BLK1) Blank									Prepared: 11/13/2025 Analyzed: 11/14/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0661*		*"*	*0.0664*		*99.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0668*		*"*	*0.0664*		*100*	*30-120*				
LCS (BK50744-BS2) LCS									Prepared: 11/13/2025 Analyzed: 11/14/2025		
Aroclor 1016	0.361	0.0166	mg/kg wet	0.332		109	40-130				
Aroclor 1260	0.345	0.0166	"	0.332		104	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0515*		*"*	*0.0664*		*77.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50820 - EPA 3550C/8151A											
Blank (BK50820-BLK1) Blank									Prepared: 11/13/2025 Analyzed: 11/16/2025		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.263*		*"*	*0.417*		*63.2*	*21-150*				
LCS (BK50820-BS1) LCS									Prepared: 11/13/2025 Analyzed: 11/17/2025		
2,4,5-T	0.0783	0.0200	mg/kg wet	0.0667		118	10-120				
2,4,5-TP (Silvex)	0.0750	0.0200	"	0.0667		112	10-120				
2,4-D	0.0608	0.0200	"	0.0667		91.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.331*		*"*	*0.417*		*79.4*	*21-150*				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50678 - EPA SW846-7471B											
Blank (BK50678-BLK1) Blank								Prepared & Analyzed: 11/12/2025			
Mercury	0.0506	0.0330	mg/kg wet								
Reference (BK50678-SRM1) Reference								Prepared & Analyzed: 11/12/2025			
Mercury	45.2	1.65	mg/kg wet	54.6		82.8	59.9-140.1				
Batch BK50696 - EPA 7473 soil											
Blank (BK50696-BLK1) Blank								Prepared: 11/12/2025 Analyzed: 11/13/2025			
Mercury	ND	0.0300	mg/kg wet								
Reference (BK50696-SRM1) Reference								Prepared: 11/12/2025 Analyzed: 11/13/2025			
Mercury	17.785		mg/kg	24.0		74.1	55.8-109.6				
Batch BK50830 - EPA 3050B											
Blank (BK50830-BLK1) Blank								Prepared: 11/13/2025 Analyzed: 11/14/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals Total - Quality Control Data

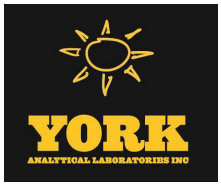
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50830 - EPA 3050B											
Reference (BK50830-SRM1) Reference									Prepared: 11/13/2025 Analyzed: 11/14/2025		
Aluminum	8160	4.17	mg/kg wet	6840		119	53.2-146.2				
Antimony	82.2	2.08	"	131		62.7	4.5-195.4				
Arsenic	202	1.25	"	192		105	81.3-118.8				
Barium	246	2.08	"	219		112	81.7-118.3				
Beryllium	172	0.042	"	146		118	82.2-117.8	High Bias			
Cadmium	126	0.250	"	114		110	81.7-118.4				
Calcium	4320	4.17	"	4080		106	82.4-117.6				
Chromium	171	0.417	"	153		112	81-119				
Cobalt	256	0.333	"	231		111	83.1-117.3				
Copper	103	1.67	"	91.2		113	83.1-117.3				
Iron	6740	20.8	"	7020		96.1	60.7-139.2				
Lead	140	0.417	"	141		99.0	81.6-118.4				
Magnesium	2110	4.17	"	1900		111	76.3-123.7				
Manganese	444	0.417	"	401		111	80.8-119				
Nickel	163	0.830	"	143		114	81.8-118.9				
Potassium	2050	4.17	"	1760		116	72.2-127.8				
Selenium	97.6	2.08	"	94.7		103	78.5-121.4				
Silver	80.4	0.420	"	77.0		104	79.4-120.6				
Sodium	739	41.7	"	661		112	73.7-126.2				
Thallium	206	1.67	"	183		113	80.3-119.7				
Vanadium	167	0.830	"	159		105	78.6-122				
Zinc	308	2.08	"	292		106	79.4-120.2				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50613 - Analysis Preparation Soil											
Blank (BK50613-BLK1) Blank								Prepared & Analyzed: 11/11/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BK50613-SRM1) Reference								Prepared & Analyzed: 11/11/2025			
Cyanide, total	91.1		ug/mL	111		82.1	43.5-170				
Batch BK50803 - EPA SW846-3060											
Blank (BK50803-BLK1) Blank								Prepared: 11/13/2025 Analyzed: 11/14/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BK50803-SRM1) Reference								Prepared: 11/13/2025 Analyzed: 11/14/2025			
Chromium, Hexavalent	131		mg/L	214		61.3	57.9-107.9				



SW8260D - Quality Control Data

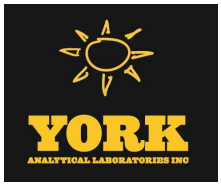
Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 813906A - SW8260D											
BLK (CU72228-BLK)							Prepared: Analyzed: 11/11/2025				
1,1,1,2-Tetrachloroethane	ND	0.005	mg/Kg			ND	-				
1,1,1-Trichloroethane	ND	0.005	"			ND	-				
1,1,2,2-Tetrachloroethane	ND	0.003	"			ND	-				
1,1,2-Trichloroethane	ND	0.005	"			ND	-				
1,1-Dichloroethane	ND	0.005	"			ND	-				
1,1-Dichloroethene	ND	0.005	"			ND	-				
1,2,3-Trichlorobenzene	ND	0.005	"			ND	-				
1,2,3-Trichloropropane	ND	0.005	"			ND	-				
1,2,4-Trichlorobenzene	ND	0.005	"			ND	-				
1,2,4-Trimethylbenzene	ND	0.001	"			ND	-				
1,2-Dibromo-3-chloropropane	ND	0.005	"			ND	-				
1,2-Dibromoethane	ND	0.005	"			ND	-				
1,2-Dichlorobenzene	ND	0.005	"			ND	-				
1,2-Dichloroethane	ND	0.005	"			ND	-				
1,2-Dichloropropane	ND	0.005	"			ND	-				
1,3,5-Trimethylbenzene	ND	0.001	"			ND	-				
1,3-Dichlorobenzene	ND	0.005	"			ND	-				
1,4-Dichlorobenzene	ND	0.005	"			ND	-				
2-Hexanone	ND	0.025	"			ND	-				
4-Methyl-2-pentanone	ND	0.025	"			ND	-				
Acetone	ND	0.01	"			ND	-				
Acrolein	ND	0.025	"			ND	-				
Acrylonitrile	ND	0.005	"			ND	-				
Benzene	ND	0.001	"			ND	-				
Bromochloromethane	ND	0.005	"			ND	-				
Bromodichloromethane	ND	0.005	"			ND	-				
Bromoform	ND	0.005	"			ND	-				
Bromomethane	ND	0.005	"			ND	-				
Carbon Disulfide	ND	0.005	"			ND	-				
Carbon tetrachloride	ND	0.005	"			ND	-				
Chlorobenzene	ND	0.005	"			ND	-				
Chloroethane	ND	0.005	"			ND	-				
Chloroform	ND	0.005	"			ND	-				
Chloromethane	ND	0.005	"			ND	-				
cis-1,2-Dichloroethene	ND	0.005	"			ND	-				
cis-1,3-Dichloropropene	ND	0.005	"			ND	-				
Cyclohexane	ND	0.005	"			ND	-				
Dibromochloromethane	ND	0.003	"			ND	-				
Dibromomethane	ND	0.005	"			ND	-				
Dichlorodifluoromethane	ND	0.005	"			ND	-				
Ethylbenzene	ND	0.001	"			ND	-				
Hexachlorobutadiene	ND	0.005	"			ND	-				
Isopropylbenzene	ND	0.001	"			ND	-				
m&p-Xylene	ND	0.002	"			ND	-				
Methyl ethyl ketone	ND	0.005	"			ND	-				
Methyl t-butyl ether (MTBE)	ND	0.001	"			ND	-				
Methylacetate	ND	0.005	"			ND	-				
Methylcyclohexane	ND	0.005	"			ND	-				
Methylene chloride	ND	0.005	"			ND	-				
n-Butylbenzene	ND	0.001	"			ND	-				
n-Propylbenzene	ND	0.001	"			ND	-				

SW8260D - Quality Control Data

Phoenix Environmental Labs, Inc.

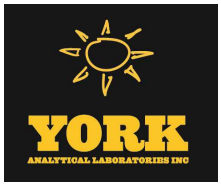
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 813906A - SW8260D											
BLK (CU72228-BLK)								Prepared: Analyzed: 11/11/2025			
o-Xylene	ND	0.002	mg/Kg			ND	-				
p-Isopropyltoluene	ND	0.001	"			ND	-				
sec-Butylbenzene	ND	0.001	"			ND	-				
Styrene	ND	0.005	"			ND	-				
Tert-butyl alcohol	ND	0.1	"			ND	-				
tert-Butylbenzene	ND	0.001	"			ND	-				
Tetrachloroethene	ND	0.005	"			ND	-				
Toluene	ND	0.001	"			ND	-				
trans-1,2-Dichloroethene	ND	0.005	"			ND	-				
trans-1,3-Dichloropropene	ND	0.005	"			ND	-				
trans-1,4-dichloro-2-butene	ND	0.005	"			ND	-				
Trichloroethene	ND	0.005	"			ND	-				
Trichlorofluoromethane	ND	0.005	"			ND	-				
Trichlorotrifluoroethane	ND	0.005	"			ND	-				
Vinyl chloride	ND	0.005	"			ND	-				
Surrogate: % 1,2-dichlorobenzene-d4	*98*		*ug/kg*	*50*		*98*	*70-130*				
Surrogate: % Bromofluorobenzene	*96*		*"*	*50*		*96*	*70-130*				
Surrogate: % Dibromofluoromethane	*97*		*"*	*50*		*97*	*70-130*				
Surrogate: % Toluene-d8	*97*		*"*	*50*		*97*	*70-130*				
LCS (CU72228-LCS)								Prepared: Analyzed: 11/11/2025			
1,1,1,2-Tetrachloroethane	51.87	0.005	mg/Kg	50		104	70-130			30	
1,1,1-Trichloroethane	49.06	0.005	"	50		98	70-130			30	
1,1,2,2-Tetrachloroethane	49.73	0.003	"	50		99	70-130			30	
1,1,2-Trichloroethane	50.79	0.005	"	50		102	70-130			30	
1,1-Dichloroethane	50.32	0.005	"	50		101	70-130			30	
1,1-Dichloroethene	49.06	0.005	"	50		98	70-130			30	
1,2,3-Trichlorobenzene	49.51	0.005	"	50		99	70-130			30	
1,2,3-Trichloropropane	48.91	0.005	"	50		98	70-130			30	
1,2,4-Trichlorobenzene	49.91	0.005	"	50		100	70-130			30	
1,2,4-Trimethylbenzene	49.50	0.001	"	50		99	70-130			30	
1,2-Dibromo-3-chloropropane	51.58	0.005	"	50		103	70-130			30	
1,2-Dibromoethane	50.92	0.005	"	50		102	70-130			30	
1,2-Dichlorobenzene	48.40	0.005	"	50		97	70-130			30	
1,2-Dichloroethane	48.25	0.005	"	50		96	70-130			30	
1,2-Dichloropropane	50.60	0.005	"	50		101	70-130			30	
1,3,5-Trimethylbenzene	49.73	0.001	"	50		99	70-130			30	
1,3-Dichlorobenzene	48.21	0.005	"	50		96	70-130			30	
1,4-Dichlorobenzene	48.59	0.005	"	50		97	70-130			30	
2-Hexanone	52.00	0.025	"	50		104	70-130			30	
4-Methyl-2-pentanone	51.82	0.025	"	50		104	70-130			30	
Acetone	47.65	0.01	"	50		95	70-130			30	
Acrolein	306.0	0.025	"	250		122	70-130			30	
Acrylonitrile	49.50	0.005	"	50		99	70-130			30	
Benzene	49.93	0.001	"	50		100	70-130			30	
Bromochloromethane	50.37	0.005	"	50		101	70-130			30	
Bromodichloromethane	49.52	0.005	"	50		99	70-130			30	
Bromoform	51.66	0.005	"	50		103	70-130			30	
Bromomethane	51.21	0.005	"	50		102	70-130			30	
Carbon Disulfide	50.91	0.005	"	50		102	70-130			30	
Carbon tetrachloride	48.80	0.005	"	50		98	70-130			30	



SW8260D - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 813906A - SW8260D											
LCS (CU72228-LCS)							Prepared: Analyzed: 11/11/2025				
Chlorobenzene	48.37	0.005	mg/Kg	50		97	70-130			30	
Chloroethane	51.79	0.005	"	50		104	70-130			30	
Chloroform	49.23	0.005	"	50		98	70-130			30	
Chloromethane	54.47	0.005	"	50		109	70-130			30	
cis-1,2-Dichloroethene	54.21	0.005	"	50		108	70-130			30	
cis-1,3-Dichloropropene	54.01	0.005	"	50		108	70-130			30	
Cyclohexane	49.23	0.005	"	50		98	70-130			30	
Dibromochloromethane	50.06	0.003	"	50		100	70-130			30	
Dibromomethane	49.10	0.005	"	50		98	70-130			30	
Dichlorodifluoromethane	49.50	0.005	"	50		99	70-130			30	
Ethylbenzene	49.86	0.001	"	50		100	70-130			30	
Hexachlorobutadiene	49.11	0.005	"	50		98	70-130			30	
Isopropylbenzene	50.27	0.001	"	50		101	70-130			30	
m&p-Xylene	98.93	0.002	"	100		99	70-130			30	
Methyl ethyl ketone	47.28	0.005	"	50		95	70-130			30	
Methyl t-butyl ether (MTBE)	50.42	0.001	"	50		101	70-130			30	
Methylacetate	54.00	0.005	"	50		108	70-130			30	
Methylcyclohexane	48.63	0.005	"	50		97	70-130			30	
Methylene chloride	48.60	0.005	"	50		97	70-130			30	
n-Butylbenzene	49.11	0.001	"	50		98	70-130			30	
n-Propylbenzene	49.60	0.001	"	50		99	70-130			30	
o-Xylene	49.77	0.002	"	50		100	70-130			30	
p-Isopropyltoluene	48.89	0.001	"	50		98	70-130			30	
sec-Butylbenzene	49.05	0.001	"	50		98	70-130			30	
Styrene	50.53	0.005	"	50		101	70-130			30	
Tert-butyl alcohol	515.2	0.1	"	500		103	70-130			30	
tert-Butylbenzene	48.99	0.001	"	50		98	70-130			30	
Tetrachloroethene	45.93	0.005	"	50		92	70-130			30	
Toluene	49.05	0.001	"	50		98	70-130			30	
trans-1,2-Dichloroethene	49.19	0.005	"	50		98	70-130			30	
trans-1,3-Dichloropropene	54.37	0.005	"	50		109	70-130			30	
trans-1,4-dichloro-2-butene	282.6	0.005	"	250		113	70-130			30	
Trichloroethene	48.44	0.005	"	50		97	70-130			30	
Trichlorofluoromethane	48.70	0.005	"	50		97	70-130			30	
Trichlorotrifluoroethane	49.41	0.005	"	50		99	70-130			30	
Vinyl chloride	52.44	0.005	"	50		105	70-130			30	
Surrogate: % 1,2-dichlorobenzene-d4	*50.31*		*ug/kg*	*50*		*101*	*70-130*				
Surrogate: % Bromofluorobenzene	*48.82*		*"*	*50*		*98*	*70-130*				
Surrogate: % Dibromofluoromethane	*48.95*		*"*	*50*		*98*	*70-130*				
Surrogate: % Toluene-d8	*49.69*		*"*	*50*		*99*	*70-130*				



SW8260D - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 813906A - SW8260D											
LCSD (CU72228-LCSD)								Prepared: Analyzed: 11/11/2025			
1,1,1,2-Tetrachloroethane	53.55	0.005	mg/Kg	50		107	70-130		2.8	30	
1,1,1-Trichloroethane	50.65	0.005	"	50		101	70-130		3.0	30	
1,1,2,2-Tetrachloroethane	52.54	0.003	"	50		105	70-130		5.9	30	
1,1,2-Trichloroethane	53.26	0.005	"	50		107	70-130		4.8	30	
1,1-Dichloroethane	50.60	0.005	"	50		101	70-130		0.0	30	
1,1-Dichloroethene	51.34	0.005	"	50		103	70-130		5.0	30	
1,2,3-Trichlorobenzene	50.89	0.005	"	50		102	70-130		3.0	30	
1,2,3-Trichloropropane	55.74	0.005	"	50		111	70-130		12.4	30	
1,2,4-Trichlorobenzene	52.19	0.005	"	50		104	70-130		3.9	30	
1,2,4-Trimethylbenzene	51.09	0.001	"	50		102	70-130		3.0	30	
1,2-Dibromo-3-chloropropane	52.61	0.005	"	50		105	70-130		1.9	30	
1,2-Dibromoethane	53.33	0.005	"	50		107	70-130		4.8	30	
1,2-Dichlorobenzene	50.37	0.005	"	50		101	70-130		4.0	30	
1,2-Dichloroethane	49.84	0.005	"	50		100	70-130		4.1	30	
1,2-Dichloropropane	52.42	0.005	"	50		105	70-130		3.9	30	
1,3,5-Trimethylbenzene	51.33	0.001	"	50		103	70-130		4.0	30	
1,3-Dichlorobenzene	50.28	0.005	"	50		101	70-130		5.1	30	
1,4-Dichlorobenzene	49.47	0.005	"	50		99	70-130		2.0	30	
2-Hexanone	54.81	0.025	"	50		110	70-130		5.6	30	
4-Methyl-2-pentanone	56.33	0.025	"	50		113	70-130		8.3	30	
Acetone	52.47	0.01	"	50		105	70-130		10.0	30	
Acrolein	316.9	0.025	"	250		127	70-130		4.0	30	
Acrylonitrile	46.78	0.005	"	50		94	70-130		5.2	30	
Benzene	51.67	0.001	"	50		103	70-130		3.0	30	
Bromochloromethane	52.04	0.005	"	50		104	70-130		2.9	30	
Bromodichloromethane	52.05	0.005	"	50		104	70-130		4.9	30	
Bromoform	53.91	0.005	"	50		108	70-130		4.7	30	
Bromomethane	52.31	0.005	"	50		105	70-130		2.9	30	
Carbon Disulfide	52.85	0.005	"	50		106	70-130		3.8	30	
Carbon tetrachloride	50.58	0.005	"	50		101	70-130		3.0	30	
Chlorobenzene	50.56	0.005	"	50		101	70-130		4.0	30	
Chloroethane	53.44	0.005	"	50		107	70-130		2.8	30	
Chloroform	50.88	0.005	"	50		102	70-130		4.0	30	
Chloromethane	56.34	0.005	"	50		113	70-130		3.6	30	
cis-1,2-Dichloroethene	56.50	0.005	"	50		113	70-130		4.5	30	
cis-1,3-Dichloropropene	56.87	0.005	"	50		114	70-130		5.4	30	
Cyclohexane	51.30	0.005	"	50		103	70-130		5.0	30	
Dibromochloromethane	52.37	0.003	"	50		105	70-130		4.9	30	
Dibromomethane	51.44	0.005	"	50		103	70-130		5.0	30	
Dichlorodifluoromethane	51.84	0.005	"	50		104	70-130		4.9	30	
Ethylbenzene	51.57	0.001	"	50		103	70-130		3.0	30	
Hexachlorobutadiene	50.79	0.005	"	50		102	70-130		4.0	30	
Isopropylbenzene	51.30	0.001	"	50		103	70-130		2.0	30	
m&p-Xylene	101.6	0.002	"	100		102	70-130		3.0	30	
Methyl ethyl ketone	53.51	0.005	"	50		107	70-130		11.9	30	
Methyl t-butyl ether (MTBE)	53.77	0.001	"	50		108	70-130		6.7	30	
Methylacetate	58.09	0.005	"	50		116	70-130		7.1	30	
Methylcyclohexane	51.74	0.005	"	50		103	70-130		6.0	30	
Methylene chloride	50.24	0.005	"	50		100	70-130		3.0	30	
n-Butylbenzene	51.22	0.001	"	50		102	70-130		4.0	30	
n-Propylbenzene	50.91	0.001	"	50		102	70-130		3.0	30	

SW8260D - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 813906A - SW8260D											
LCSD (CU72228-LCSD)								Prepared: Analyzed: 11/11/2025			
o-Xylene	50.82	0.002	mg/Kg	50		102	70-130		2.0	30	
p-Isopropyltoluene	51.06	0.001	"	50		102	70-130		4.0	30	
sec-Butylbenzene	51.25	0.001	"	50		103	70-130		5.0	30	
Styrene	52.39	0.005	"	50		105	70-130		3.9	30	
Tert-butyl alcohol	517.9	0.1	"	500		104	70-130		1.0	30	
tert-Butylbenzene	50.68	0.001	"	50		101	70-130		3.0	30	
Tetrachloroethene	48.02	0.005	"	50		96	70-130		4.3	30	
Toluene	50.88	0.001	"	50		102	70-130		4.0	30	
trans-1,2-Dichloroethene	50.11	0.005	"	50		100	70-130		2.0	30	
trans-1,3-Dichloropropene	57.83	0.005	"	50		116	70-130		6.2	30	
trans-1,4-dichloro-2-butene	288.3	0.005	"	250		115	70-130		1.8	30	
Trichloroethene	51.30	0.005	"	50		103	70-130		6.0	30	
Trichlorofluoromethane	50.75	0.005	"	50		102	70-130		5.0	30	
Trichlorotrifluoroethane	53.23	0.005	"	50		106	70-130		6.8	30	
Vinyl chloride	53.84	0.005	"	50		108	70-130		2.8	30	
Surrogate: % 1,2-dichlorobenzene-d4	*50.09*		*ug/kg*	*50*		*100*	*70-130*				
Surrogate: % Bromofluorobenzene	*49.37*		*"*	*50*		*99*	*70-130*				
Surrogate: % Dibromofluoromethane	*50.07*		*"*	*50*		*100*	*70-130*				
Surrogate: % Toluene-d8	*49.79*		*"*	*50*		*100*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to update Trivalent Chromium units on Sample -01.

Field Chain-of-Custody Record

ALS Project Number: 25h0510

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:
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Address: 368 Ninth Avenue, 8th Floor New York NY 10001
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Contact: Stuart Knoop
E-mail: sknoop@langan.com

Invoice To:
Company:
Address: SAME
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: See PO Quote

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY X, CT, NJ, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Analyses Requested

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Total Mercury	TCL VOCs	TCL SVOCs	PCB's/Pesticides/Herbicides	TAL Metals (+ hexavalent chromium)	Cyanide	PFAS	1,4-Dioxane				Grab or Comp. G/C
SB-16_25-27	11/10/25	1030	S											XX	Y	X	X	X	X	X	X				
SB-16_11-12	↑	1235	S																						
SB-16_13-14	↑	1240	S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Field Filtered
Lab Filtered

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1.	Neil Winslow/Langan	11/10/25 15:30	1. Samples Received by / Company	11/10/25 15:30
2.		11.10.25 17:45	2. Samples Relinquished by / Company	17:45
3.			3. Samples Relinquished by / Company	11.10.25
4.			4. Samples Received by / Company	
	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
		11/10/25 20:32	3. Samples Received by / Company	11/10/25 17:45
			Samples Received in LAB by	11/10/25 20:32

Temperature: 1.9 Degrees C

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 18, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25K0510
SDG ID: GCU71485
Sample ID#s: CU71485

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 18, 2025

SDG I.D.: GCU71485

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Revised Client Id

Version 3: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 18, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/25	10:30
Location Code:	YORK-VOC	Received by:	SR1	11/11/25	11:35
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71485
Phoenix ID: CU71485

Project ID: 25K0510
Client ID: SB-11_25-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		11/11/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
2-Hexanone	ND	0.031	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.031	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
Acetone	ND	0.05	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
Benzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Bromochloromethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Bromodichloromethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Bromoform	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Bromomethane	ND	0.0062	0.0025	mg/Kg	1	11/12/25	JLI	SW8260D

Project ID: 25K0510
Client ID: SB-11_25-27

Phoenix I.D.: CU71485

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Chlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Chloroform	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Chloromethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Cyclohexane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromochloromethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Dibromomethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Ethylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Isopropylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
m&p-Xylene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.037	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.012	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Methylacetate	ND	0.062	0.062	mg/Kg	1	11/12/25	JLI	SW8260D
Methylcyclohexane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Methylene chloride	ND	0.031	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
n-Butylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
n-Propylbenzene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
o-Xylene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Styrene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Tetrachloroethene	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Toluene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Total Xylenes	ND	0.0062	0.0062	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.012	0.0031	mg/Kg	1	11/12/25	JLI	SW8260D
Trichloroethene	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Vinyl chloride	ND	0.0062	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/12/25	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/12/25	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/12/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	11/12/25	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.025	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Acrolein	ND	0.0062	0.0012	mg/Kg	1	11/12/25	JLI	SW8260D
Acrylonitrile	ND	0.025	0.00062	mg/Kg	1	11/12/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.12	0.025	mg/Kg	1	11/12/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

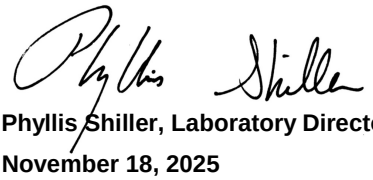
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 18, 2025

Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

November 18, 2025

QA/QC Data

SDG I.D.: GCU71485

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 813906 (mg/Kg), QC Sample No: CU72228 (CU71485)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	104	107	2.8	85	81	4.8	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	98	101	3.0	89	83	7.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	99	105	5.9	84	77	8.7	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	102	107	4.8	89	84	5.8	70 - 130	30	
1,1-Dichloroethane	ND	0.005	101	101	0.0	91	91	0.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	98	103	5.0	92	84	9.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	99	102	3.0	45	39	14.3	70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	98	111	12.4	88	82	7.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	100	104	3.9	50	45	10.5	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	99	102	3.0	77	70	9.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	103	105	1.9	79	70	12.1	70 - 130	30	
1,2-Dibromoethane	ND	0.005	102	107	4.8	87	82	5.9	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	97	101	4.0	65	59	9.7	70 - 130	30	m
1,2-Dichloroethane	ND	0.005	96	100	4.1	82	80	2.5	70 - 130	30	
1,2-Dichloropropane	ND	0.005	101	105	3.9	92	86	6.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	99	103	4.0	82	76	7.6	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	96	101	5.1	69	64	7.5	70 - 130	30	m
1,4-Dichlorobenzene	ND	0.005	97	99	2.0	67	62	7.8	70 - 130	30	m
2-Hexanone	ND	0.025	104	110	5.6	75	71	5.5	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	104	113	8.3	87	81	7.1	70 - 130	30	
Acetone	ND	0.01	95	105	10.0	71	69	2.9	70 - 130	30	m
Acrolein	ND	0.025	122	127	4.0	19	17	11.1	70 - 130	30	m
Acrylonitrile	ND	0.005	99	94	5.2	76	71	6.8	70 - 130	30	
Benzene	ND	0.001	100	103	3.0	92	86	6.7	70 - 130	30	
Bromochloromethane	ND	0.005	101	104	2.9	90	85	5.7	70 - 130	30	
Bromodichloromethane	ND	0.005	99	104	4.9	86	82	4.8	70 - 130	30	
Bromoform	ND	0.005	103	108	4.7	77	73	5.3	70 - 130	30	
Bromomethane	ND	0.005	102	105	2.9	86	76	12.3	70 - 130	30	
Carbon Disulfide	ND	0.005	102	106	3.8	89	83	7.0	70 - 130	30	
Carbon tetrachloride	ND	0.005	98	101	3.0	84	79	6.1	70 - 130	30	
Chlorobenzene	ND	0.005	97	101	4.0	82	76	7.6	70 - 130	30	
Chloroethane	ND	0.005	104	107	2.8	93	86	7.8	70 - 130	30	
Chloroform	ND	0.005	98	102	4.0	89	82	8.2	70 - 130	30	
Chloromethane	ND	0.005	109	113	3.6	95	88	7.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	108	113	4.5	95	92	3.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	108	114	5.4	91	86	5.6	70 - 130	30	
Cyclohexane	ND	0.005	98	103	5.0	89	82	8.2	70 - 130	30	
Dibromochloromethane	ND	0.003	100	105	4.9	81	77	5.1	70 - 130	30	
Dibromomethane	ND	0.005	98	103	5.0	87	81	7.1	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	99	104	4.9	86	80	7.2	70 - 130	30	
Ethylbenzene	ND	0.001	100	103	3.0	87	82	5.9	70 - 130	30	

QA/QC Data

SDG I.D.: GCU71485

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	0.005	98	102	4.0	52	50	3.9	70 - 130	30	m
Isopropylbenzene	ND	0.001	101	103	2.0	86	80	7.2	70 - 130	30	
m&p-Xylene	ND	0.002	99	102	3.0	84	78	7.4	70 - 130	30	
Methyl ethyl ketone	ND	0.005	95	107	11.9	80	74	7.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	101	108	6.7	92	88	4.4	70 - 130	30	
Methylacetate	ND	0.005	108	116	7.1	79	67	16.4	70 - 130	30	m
Methylcyclohexane	ND	0.005	97	103	6.0	82	78	5.0	70 - 130	30	
Methylene chloride	ND	0.005	97	100	3.0	86	82	4.8	70 - 130	30	
n-Butylbenzene	ND	0.001	98	102	4.0	70	66	5.9	70 - 130	30	m
n-Propylbenzene	ND	0.001	99	102	3.0	82	76	7.6	70 - 130	30	
o-Xylene	ND	0.002	100	102	2.0	86	80	7.2	70 - 130	30	
p-Isopropyltoluene	ND	0.001	98	102	4.0	77	71	8.1	70 - 130	30	
sec-Butylbenzene	ND	0.001	98	103	5.0	76	72	5.4	70 - 130	30	
Styrene	ND	0.005	101	105	3.9	82	76	7.6	70 - 130	30	
tert-butyl alcohol	ND	0.1	103	104	1.0	123	90	31.0	70 - 130	30	r
tert-Butylbenzene	ND	0.001	98	101	3.0	81	75	7.7	70 - 130	30	
Tetrachloroethene	ND	0.005	92	96	4.3	84	80	4.9	70 - 130	30	
Toluene	ND	0.001	98	102	4.0	90	84	6.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	98	100	2.0	88	83	5.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	109	116	6.2	89	85	4.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	113	115	1.8	79	72	9.3	70 - 130	30	
Trichloroethene	ND	0.005	97	103	6.0	88	83	5.8	70 - 130	30	
Trichlorofluoromethane	ND	0.005	97	102	5.0	88	83	5.8	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	99	106	6.8	94	86	8.9	70 - 130	30	
Vinyl chloride	ND	0.005	105	108	2.8	93	87	6.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	101	100	1.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	96	%	98	99	1.0	98	97	1.0	70 - 130	30	
% Dibromofluoromethane	97	%	98	100	2.0	99	99	0.0	70 - 130	30	
% Toluene-d8	97	%	99	100	1.0	99	100	1.0	70 - 130	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 18, 2025

Tuesday, November 18, 2025

Criteria: NY: 375GWP

State: NY

Sample Criteria Exceedances Report

GCU71485 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 18, 2025

SDG I.D.: GCU71485

The samples in this delivery group were received at 3.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

YORK
Analytical Laboratories, Inc.

11/10/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0510 CWI 3.9°C

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: SB-16_25-27 71485 **York Ref: 25K0510-01**

Matrix: **Soil** **Date Sampled :** **11/10/2025 10:30**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	**11/18/2025 19:00**	**11/24/2025 10:30**	**TCL List / Comprehensive**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0510

Samples from State of: **NY**
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jenny M Fogle	11/10/2025		11-11-25 11:35
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 11/20/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0595

Report Date: 11/20/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0595

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 11, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

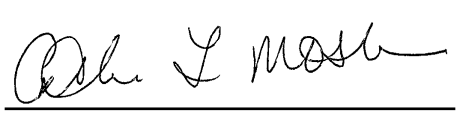
Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0595-01	SB-13_3-5	Soil	11/11/2025	11/11/2025
25K0595-02	SB-13_12-14	Soil	11/11/2025	11/11/2025
25K0595-03	SB-13_25-27	Soil	11/11/2025	11/11/2025
25K0595-04	SB-15_3-5	Soil	11/11/2025	11/11/2025
25K0595-05	SB-15_13-15	Soil	11/11/2025	11/11/2025
25K0595-06	SB-15_25-27	Soil	11/11/2025	11/11/2025
25K0595-07	SB-14_0-2	Soil	11/11/2025	11/11/2025
25K0595-08	SB-14_10-12	Soil	11/11/2025	11/11/2025
25K0595-09	SODUP02_11-11-25	Soil	11/11/2025	11/11/2025
25K0595-10	SOFB02_11-11-25	Water	11/11/2025	11/11/2025

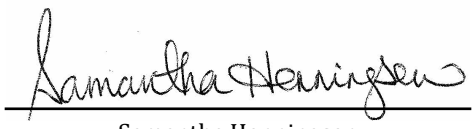
General Notes for York Project (SDG) No.: 25K0595

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie Mosher
Laboratory Manager - Stratford



Samantha Henningsen
Laboratory Director - Queens

Date: 11/20/2025

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	**Benzyl butyl phthalate**	**0.0697**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND	CAL-E, CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:23	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 13:49	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.435	0.446	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0781	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0781	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0781	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.209**		ug/kg dry	0.0781	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.156	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0893	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.123	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0893	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.123	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0893	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.558	0.558	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0893	0.446	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0335	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0781	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0670	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.201	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.179	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.179	0.893	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0670	0.397	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0446	0.446	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.134	0.446	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0781	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.246	0.837	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.257	0.893	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.246	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.301	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
919005-14-4	ADONA	ND		ug/kg dry	0.290	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.357	1.12	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.815	5.58	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.05	5.58	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.815	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.513	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.100	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:19	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*113 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*115 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*96.5 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*111 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*115 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*102 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*109 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*103 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*117 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*110 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.3 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.1 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*153 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*149 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.4 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*65.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*64.3 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*80.0 %*			*20-130*						

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
50-29-3	**4,4'-DDT**	**0.00296**	P	mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: NYSDOH-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
60-57-1	**Dieldrin**	**0.00220**		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: NYSDOH-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	11/17/2025 08:27	11/18/2025 12:55	GXB
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*18.1 %*	S-GC, S-08	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*		*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	**Aroclor 1260**	**0.0389**		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	*** Total PCBs**	**0.0389**		mg/kg dry	0.0183	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:32	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:32	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:32	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*50.6 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6930**		mg/kg dry	4.65	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**5.29**		mg/kg dry	1.39	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**95.6**		mg/kg dry	2.32	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.155**		mg/kg dry	0.047	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.530**		mg/kg dry	0.279	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**50800**		mg/kg dry	4.65	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**29.0**		mg/kg dry	0.465	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**5.99**		mg/kg dry	0.372	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**74.2**		mg/kg dry	1.86	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**15600**		mg/kg dry	23.2	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**181**		mg/kg dry	0.465	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**17400**		mg/kg dry	4.65	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**274**		mg/kg dry	0.465	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**22.4**		mg/kg dry	0.926	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**981**		mg/kg dry	4.65	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**415**		mg/kg dry	46.5	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**34.7**		mg/kg dry	0.926	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**267**		mg/kg dry	2.32	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:22	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.17**		mg/kg dry	0.0335	1	EPA 7473	11/13/2025 08:46	11/14/2025 10:28	LCB
							Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**29.0**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0014	0.029	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0014	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D	11/11/2025 08:50	11/13/2025 00:19	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0072	0.036	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0072	0.036	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
67-64-1	Acetone	ND		mg/Kg	0.0072	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00072	0.029	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
71-43-2	Benzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0029	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0072	0.043	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0014	0.014	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.072	0.072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0072	0.036	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
100-42-5	Styrene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.029	0.14	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
108-88-3	Toluene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007

Sample Information

Client Sample ID: SB-13_3-5 **York Sample ID:** 25K0595-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 8:50 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Total Xylenes	ND		mg/Kg	0.0072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0036	0.014	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0014	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00072	0.0072	1	SW8260D Certifications: NY-11301	11/11/2025 08:50	11/13/2025 00:19	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*102 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*82 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*100 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*94 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**92**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 08:50	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.0626**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.0839**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.172	0.345	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**0.292**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.294**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.229**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.300**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.253**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0571**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.309**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0702**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**0.517**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.243**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**0.268**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**0.622**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	11/14/2025 08:40	11/14/2025 20:47	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*42.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/17/2025 08:48	11/18/2025 19:12	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.405	0.415	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0727	0.184	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0519	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0727	0.190	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	ug/kg dry	0.0727	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.0819**	J	ug/kg dry	0.0727	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-LCS-L	ug/kg dry	0.145	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND	PF-LCS-L	ug/kg dry	0.0831	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.114	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	PF-LCS-L	ug/kg dry	0.0831	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.114	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND	PF-LCS-L	ug/kg dry	0.135	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0831	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.519	0.519	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0831	0.415	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0312	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0727	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0623	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.187	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-LCS-L	ug/kg dry	0.166	0.798	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.166	0.831	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0623	0.370	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0415	0.415	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.415	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0727	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.228	0.779	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.239	0.831	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.228	0.785	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.280	0.777	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
919005-14-4	ADONA	ND		ug/kg dry	0.270	0.785	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.156	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.332	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.758	5.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.976	5.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.758	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.135	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.478	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0935	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 10:45	11/15/2025 19:28	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*109 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*107 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*99.2 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*104 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*97.6 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*88.5 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*81.4 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*110 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*97.5 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*109 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*88.3 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*157 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*149 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*178 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*58.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*63.1 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*56.9 %*			*20-130*						

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:05	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*63.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:41	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	11/13/2025 12:55	11/16/2025 15:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*121 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4050**		mg/kg dry	4.33	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		mg/kg dry	1.30	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**28.1**		mg/kg dry	2.16	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.044	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**614**		mg/kg dry	4.33	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**7.37**		mg/kg dry	0.433	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**3.02**		mg/kg dry	0.346	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**6.40**		mg/kg dry	1.73	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**7120**		mg/kg dry	21.6	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**1.28**		mg/kg dry	0.433	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1570**		mg/kg dry	4.33	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.433	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**6.75**		mg/kg dry	0.862	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**565**		mg/kg dry	4.33	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**55.0**		mg/kg dry	43.3	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**9.61**		mg/kg dry	0.862	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**13.2**		mg/kg dry	2.16	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.43**		mg/kg dry	0.0312	1	EPA 7473	11/13/2025 08:46	11/14/2025 10:28	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**7.37**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.3		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.025	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D	11/11/2025 09:10	11/13/2025 00:56	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0063	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0063	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
67-64-1	Acetone	ND		mg/Kg	0.0063	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00063	0.025	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
71-43-2	Benzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0025	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0063	0.038	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.063	0.063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0063	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
100-42-5	Styrene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.025	0.13	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007

Sample Information

Client Sample ID: SB-13_12-14 **York Sample ID:** 25K0595-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**0.00096**	Ja	mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0031	0.013	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00063	0.0063	1	SW8260D Certifications: NY-11301	11/11/2025 09:10	11/13/2025 00:56	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*97 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*92 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*95 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*97 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**97**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 09:10	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.170	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0851	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	Pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:18	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 14:07	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.399	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0717	0.181	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0512	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0717	0.187	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0717	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.130**	J	ug/kg dry	0.0717	0.190	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.143	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0819	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0819	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.133	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0819	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.512	0.512	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0819	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0307	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0717	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0614	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.184	0.778	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.164	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.164	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0614	0.365	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0410	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.123	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0717	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.225	0.768	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.236	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.225	0.774	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.276	0.766	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
919005-14-4	ADONA	ND		ug/kg dry	0.266	0.774	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.154	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.328	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.747	5.12	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.962	5.12	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.747	2.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.133	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.471	2.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0922	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:33	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*113 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*118 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*99.0 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*114 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*115 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*95.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.4 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*114 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*110 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*118 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*127 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*131 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*152 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*174 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*91.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*87.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*75.6 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*94.2 %*			*20-130*						

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:20	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 06:54	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0203	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:38	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0203	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:38	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0203	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:38	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*92.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2740**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.13	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		mg/kg dry	1.28	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**13.6**		mg/kg dry	2.13	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.056**		mg/kg dry	0.043	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.256	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**802**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**5.59**		mg/kg dry	0.427	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**3.38**		mg/kg dry	0.341	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**5.78**		mg/kg dry	1.71	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**6690**		mg/kg dry	21.3	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**1.54**		mg/kg dry	0.427	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1260**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**148**		mg/kg dry	0.427	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**5.65**		mg/kg dry	0.850	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**362**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.13	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.430	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**75.0**		mg/kg dry	42.7	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.71	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**8.40**		mg/kg dry	0.850	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**9.25**		mg/kg dry	2.12	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:44	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0307	1	EPA 7473	11/14/2025 08:46	11/14/2025 15:13	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.512	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.512	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**5.59**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.7		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.024	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0012	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D	11/11/2025 09:00	11/13/2025 01:15	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0059	0.03	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0059	0.03	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
67-64-1	Acetone	ND		mg/Kg	0.0059	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00059	0.024	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
71-43-2	Benzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0024	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0059	0.036	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0012	0.012	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.059	0.059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0059	0.03	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
100-42-5	Styrene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.024	0.12	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007

Sample Information

Client Sample ID: SB-13_25-27 **York Sample ID:** 25K0595-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 9:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.003	0.012	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0012	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00059	0.0059	1	SW8260D Certifications: NY-11301	11/11/2025 09:00	11/13/2025 01:15	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*97 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*92 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*95 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*99 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**95**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 09:00	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	**Acenaphthene**	**0.181**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.0640**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.515**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.189	0.377	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**0.990**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.733**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.703**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.529**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.759**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.309**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	**Carbazole**	**0.256**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**1.03**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.175**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	**Dibenzofuran**	**0.100**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	**Di-n-butyl phthalate**	**0.619**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**1.95**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	**Fluorene**	**0.177**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.589**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.108**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	**Phenanthrene**	**1.68**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	**Pyrene**	**2.14**		mg/kg dry	0.0472	0.0942	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270E	11/14/2025 08:40	11/14/2025 21:48	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 14:25	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.442	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0793	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0793	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0793	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**7.43**		ug/kg dry	0.0793	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.159	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.118**	J	ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.567	0.567	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0907	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0340	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0793	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0680	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.204	0.861	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.181	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.181	0.907	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0680	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0453	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.136	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0793	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.249	0.850	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.261	0.907	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.249	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.306	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
919005-14-4	ADONA	ND		ug/kg dry	0.295	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.159	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.363	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.827	5.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.07	5.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.827	2.27	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.147	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.521	2.27	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.102	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 14:48	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*111 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*105 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*86.1 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*109 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*111 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*94.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.8 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*104 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*108 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*106 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*113 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*126 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*116 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*157 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*166 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.7 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*60.1 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*80.0 %*			*20-130*						

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:36	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:08	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:44	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:44	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:44	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*46.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5220**		mg/kg dry	4.72	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.36	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**5.36**		mg/kg dry	1.42	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**429**		mg/kg dry	2.36	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.135**		mg/kg dry	0.048	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**1.05**		mg/kg dry	0.283	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**35800**		mg/kg dry	4.72	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**27.2**		mg/kg dry	0.473	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**8.88**		mg/kg dry	0.377	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**90.4**		mg/kg dry	1.89	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**17100**		mg/kg dry	23.6	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**394**		mg/kg dry	0.473	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**8530**		mg/kg dry	4.73	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**252**		mg/kg dry	0.473	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**19.3**		mg/kg dry	0.941	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**600**		mg/kg dry	4.73	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	**Silver**	**0.567**		mg/kg dry	0.476	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**163**		mg/kg dry	47.2	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**27.1**		mg/kg dry	0.941	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**484**		mg/kg dry	2.35	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:45	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.783**		mg/kg dry	0.0340	1	EPA 7473	11/14/2025 08:46	11/14/2025 15:13	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.567	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**2.16**		mg/kg dry	0.567	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**25.0**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0016	0.032	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.19	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00081	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.19	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.095	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.19	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.19	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.095	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0016	0.0081	1	SW8260D	11/11/2025 11:00	11/13/2025 01:34	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D	11/11/2025 11:00	11/13/2025 14:09	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0081	0.04	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0081	0.04	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
67-64-1	Acetone	ND		mg/Kg	0.0081	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00081	0.032	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
71-43-2	Benzene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0032	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0081	0.048	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0016	0.016	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.081	0.081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0081	0.04	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.19	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
100-42-5	Styrene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.032	0.16	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.095	0.95	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
127-18-4	**Tetrachloroethene**	**0.019**		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007

Sample Information

Client Sample ID: SB-15_3-5 **York Sample ID:** 25K0595-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.48	1.9	50	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 14:09	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0016	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00081	0.0081	1	SW8260D Certifications: NY-11301	11/11/2025 11:00	11/13/2025 01:34	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*95 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*79 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*100 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*92 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**90**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 11:00	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.175	0.350	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:19	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 14:42	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.410	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0736	0.186	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0526	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0736	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.52**		ug/kg dry	0.0736	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0842	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0842	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0842	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.526	0.526	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0842	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0316	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0631	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.799	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0631	0.374	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0421	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0736	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.231	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.242	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.231	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.284	0.787	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
919005-14-4	ADONA	ND		ug/kg dry	0.273	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.337	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.768	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.989	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.768	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.484	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0947	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:02	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*107 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*103 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*85.1 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*99.1 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*96.7 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*95.1 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*81.9 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*74.1 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.6 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*107 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*85.2 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*106 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*94.8 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.5 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.1 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*98.3 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*161 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.8 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*53.4 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*66.8 %*			*20-130*						

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	**4,4'-DDE**	**0.00530**	P	mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	**4,4'-DDT**	**0.00697**		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	11/14/2025 08:53	11/14/2025 23:51	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	11/17/2025 08:24	11/18/2025 08:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:51	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:51	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:51	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*63.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4710**		mg/kg dry	4.38	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**1.36**		mg/kg dry	1.31	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**19.7**		mg/kg dry	2.19	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.067**		mg/kg dry	0.044	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**830**		mg/kg dry	4.38	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**9.38**		mg/kg dry	0.439	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.03**		mg/kg dry	0.350	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**7.82**		mg/kg dry	1.75	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**10300**		mg/kg dry	21.9	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**2.07**		mg/kg dry	0.439	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1490**		mg/kg dry	4.39	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.439	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**7.06**		mg/kg dry	0.873	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**607**		mg/kg dry	4.39	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.442	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**75.2**		mg/kg dry	43.8	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.76	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**12.9**		mg/kg dry	0.873	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**14.7**		mg/kg dry	2.18	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:47	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	11/14/2025 08:46	11/14/2025 15:13	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.91**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.1		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.023	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0011	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D	11/11/2025 11:10	11/13/2025 01:52	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0056	0.028	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0056	0.028	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
67-64-1	Acetone	ND		mg/Kg	0.0056	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00056	0.023	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
71-43-2	Benzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0023	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0056	0.034	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0011	0.011	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.056	0.056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0056	0.028	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
100-42-5	Styrene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.023	0.11	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007

Sample Information

Client Sample ID: SB-15_13-15 **York Sample ID:** 25K0595-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:10 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0028	0.011	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0011	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00056	0.0056	1	SW8260D Certifications: NY-11301	11/11/2025 11:10	11/13/2025 01:52	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*98 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*94 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*95 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*98 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**95**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 11:10	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.171	0.342	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	11/14/2025 08:40	11/14/2025 22:50	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270E SIM	11/13/2025 12:51	11/18/2025 21:12	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*172 %*	S-D	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.402	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0722	0.183	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0516	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0722	0.189	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0722	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.328**		ug/kg dry	0.0722	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.144	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0826	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.114	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0826	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.114	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.134	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0826	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.516	0.516	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0826	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0310	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0722	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0619	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.186	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.165	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.165	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0619	0.367	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0413	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.124	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0722	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.227	0.774	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.237	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.227	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.279	0.772	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
919005-14-4	ADONA	ND		ug/kg dry	0.268	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.155	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.330	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.753	5.16	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.970	5.16	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.753	2.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.134	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.475	2.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0929	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:16	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*111 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*108 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*94.4 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*113 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*98.8 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*95.6 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.6 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*109 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*101 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*112 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*111 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.7 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*151 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*147 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*165 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.5 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*73.1 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*86.8 %*			*20-130*						

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:37	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.6 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	11/14/2025 09:07	11/18/2025 14:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*92.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2610**		mg/kg dry	4.30	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.15	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		mg/kg dry	1.29	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**16.4**		mg/kg dry	2.15	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.053**		mg/kg dry	0.043	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.258	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**792**		mg/kg dry	4.30	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**5.01**		mg/kg dry	0.430	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**2.55**		mg/kg dry	0.344	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**6.23**		mg/kg dry	1.72	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**6420**		mg/kg dry	21.5	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**1.32**		mg/kg dry	0.430	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1070**		mg/kg dry	4.30	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**146**		mg/kg dry	0.430	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**5.19**		mg/kg dry	0.857	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**426**		mg/kg dry	4.30	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.433	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**75.3**		mg/kg dry	43.0	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.72	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**7.86**		mg/kg dry	0.857	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**10.3**		mg/kg dry	2.14	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:48	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	11/14/2025 08:46	11/14/2025 15:13	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.516	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.679**		mg/kg dry	0.516	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**4.33**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.9		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.022	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0011	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D	11/11/2025 11:20	11/13/2025 02:11	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0055	0.027	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0055	0.027	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
67-64-1	Acetone	ND		mg/Kg	0.0055	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00055	0.022	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
71-43-2	Benzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0022	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0055	0.033	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0011	0.011	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.055	0.055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0055	0.027	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
100-42-5	Styrene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.022	0.11	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007

Sample Information

Client Sample ID: SB-15_25-27 **York Sample ID:** 25K0595-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 11:20 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0027	0.011	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0011	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00055	0.0055	1	SW8260D Certifications: NY-11301	11/11/2025 11:20	11/13/2025 02:11	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*98 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*92 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*93 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*99 %*	*70-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**93**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 11:20	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0595-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:45 pm	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.423	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0760	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0543	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0760	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0760	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.843**		ug/kg dry	0.0760	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0868	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0868	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0868	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.543	0.543	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0868	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0326	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0760	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0651	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0595-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:45 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.195	0.825	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.174	0.833	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.174	0.868	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0651	0.386	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0434	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0760	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.239	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.250	0.868	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.239	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.293	0.812	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
919005-14-4	ADONA	ND		ug/kg dry	0.282	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.347	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.792	5.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.792	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.499	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0977	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:30	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0595-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:45 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*117 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*116 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*128 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*109 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*89.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*116 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*112 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*117 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*126 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*131 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*161 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*151 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*118 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*175 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*96.3 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*89.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*85.0 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*99.2 %*			*20-130*						

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0595-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:45 pm	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.2**		%	0.100	1	SM 2540G	11/13/2025 10:28	11/13/2025 16:55	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0595-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:50 pm	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.441	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0792	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0792	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.482**		ug/kg dry	0.0792	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0792	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.158	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0906	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0906	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0906	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.566	0.566	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0906	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0340	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0792	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0679	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0595-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:50 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.204	0.860	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.181	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.181	0.906	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0679	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0453	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.136	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0792	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.249	0.849	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.260	0.906	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.249	0.856	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.306	0.847	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
919005-14-4	ADONA	ND		ug/kg dry	0.294	0.856	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.362	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.826	5.66	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.06	5.66	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.826	2.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.147	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.521	2.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.102	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:45	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0595-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:50 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*139 %*	PFSu-H		*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*139 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*135 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*129 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*115 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*106 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*133 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*119 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*140 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*134 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*143 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*115 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*179 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*160 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*135 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*207 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*95.3 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*96.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*135 %*	PFSu-H		*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*93.7 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*112 %*			*20-130*						

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0595-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:50 pm	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	1	SM 2540G	11/13/2025 10:28	11/13/2025 16:55	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.171	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	Pyrene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	11/14/2025 08:40	11/14/2025 23:21	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/13/2025 12:51	11/17/2025 15:18	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.400	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0718	0.182	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0513	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0718	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0718	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.0966**	J	ug/kg dry	0.0718	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.144	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0821	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0821	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.113	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.133	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0821	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.513	0.513	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0821	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0308	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0718	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0615	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.185	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.164	0.788	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.164	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0615	0.365	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0410	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.123	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0718	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.226	0.769	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.236	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.226	0.775	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.277	0.767	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
919005-14-4	ADONA	ND		ug/kg dry	0.267	0.775	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.154	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.328	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.749	5.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.964	5.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.749	2.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.133	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.472	2.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0923	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 07:52	11/16/2025 15:59	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*125 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*126 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*122 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*132 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*126 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*122 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*112 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*123 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*119 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*128 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*125 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*125 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*168 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*151 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*92.3 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*90.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*128 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*87.2 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*104 %*			*20-130*						

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	11/14/2025 08:53	11/15/2025 00:53	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.7 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	11/14/2025 08:47	11/15/2025 07:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0292	1	EPA 8151A	11/14/2025 09:07	11/18/2025 15:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0292	1	EPA 8151A	11/14/2025 09:07	11/18/2025 15:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0292	1	EPA 8151A	11/14/2025 09:07	11/18/2025 15:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*87.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3230**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**1.44**		mg/kg dry	1.28	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**19.0**		mg/kg dry	2.13	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.136**		mg/kg dry	0.043	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.256	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**1140**		mg/kg dry	4.27	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**7.66**		mg/kg dry	0.428	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.15**		mg/kg dry	0.342	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**11.2**		mg/kg dry	1.71	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**14800**		mg/kg dry	21.4	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**1.85**		mg/kg dry	0.428	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1270**		mg/kg dry	4.28	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**318**		mg/kg dry	0.428	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**7.96**		mg/kg dry	0.851	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**483**		mg/kg dry	4.28	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.431	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**109**		mg/kg dry	42.7	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.71	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	0.851	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**17.4**		mg/kg dry	2.13	1	EPA 6010D	11/16/2025 08:30	11/17/2025 11:50	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	11/14/2025 08:46	11/14/2025 15:13	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.513	1	EPA 9014/9010C	11/12/2025 16:48	11/12/2025 21:20	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.513	1	EPA 7196A	11/13/2025 14:47	11/13/2025 22:30	SML
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.66**		mg/kg	0.500	1	Calculation	11/17/2025 16:18	11/17/2025 18:35	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.5**		%	0.100	1	SM 2540G	11/12/2025 13:20	11/13/2025 10:50	CD
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.025	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0012	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D	11/11/2025 00:00	11/13/2025 02:30	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0061	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0061	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
67-64-1	Acetone	ND		mg/Kg	0.0061	0.05	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00061	0.025	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
71-43-2	Benzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0025	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0061	0.037	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0012	0.012	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.061	0.061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0061	0.031	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
100-42-5	Styrene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.025	0.12	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007

Sample Information

Client Sample ID: SODUP02_11-11-25 **York Sample ID:** 25K0595-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Soil	November 11, 2025 12:00 am	11/11/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**0.0019**	Ja	mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0031	0.012	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0012	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00061	0.0061	1	SW8260D Certifications: NY-11301	11/11/2025 00:00	11/13/2025 02:30	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*99 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*91 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*94 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*98 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**96**		%			1	SW846-%Solid Certifications: NY-11301	11/11/2025 00:00	11/12/2025 23:17	CT007

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	**Acetone**	**1.58**	J, B	ug/L	1.34	2.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**0.260**	J	ug/L	0.245	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**19.4**		ug/L	0.243	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/19/2025 07:40	11/19/2025 19:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
91-57-6	2-Methylnaphthalene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/12/2025 08:10	11/12/2025 23:11	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.8 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.3 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.9 %*	S-08		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.7 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.2 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/12/2025 10:14	11/13/2025 14:13	ak
							Certifications: NJDEP-CT005,NYSDOH-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/12/2025 08:13	11/12/2025 23:54	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
67-72-1	* Hexachloroethane	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
98-95-3	* Nitrobenzene	ND	CCVE	ug/L	0.250	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
62-75-9	* N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
87-86-5	* Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270E SIM Certifications:	11/12/2025 08:13	11/12/2025 23:54	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/12/2025 08:13	11/12/2025 23:54	SR

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.67	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.521	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.729	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.927	1.91	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	1.04	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.792	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.03	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.594	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.740	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.625	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.25	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.65	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.521	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.21	5.21	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.927	4.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.385	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.323	1.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.646	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.21	7.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.34	8.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.70	8.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.521	3.71	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.12	4.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.729	4.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.46	4.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.781	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.94	7.81	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.21	8.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.32	7.88	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.86	7.79	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
919005-14-4	ADONA	ND		ng/L	3.09	7.88	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.927	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.781	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.46	10.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	26.0	52.1	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	24.0	52.1	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.40	20.8	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.08	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.58	20.8	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.09	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/12/2025 12:01	11/15/2025 22:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*40-135*
338-30-1	*Surrogate: M5PFHxA*	*132 %*	PFSu-H	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*137 %*	PFSu-H	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*133 %*	PFSu-H	*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*134 %*	PFSu-H	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*126 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*122 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*105 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*129 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*126 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*135 %*	PFSu-H	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*133 %*	PFSu-H	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*128 %*		*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*		*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*174 %*		*40-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*167 %*		*40-300*
13C9PFNA	*Surrogate: M9PFNA*	*129 %*		*40-130*

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*197 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*99.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*140 %*	PFSu-H		*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*98.2 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*107 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Pesticides, 8081 List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	11/12/2025 10:18	11/12/2025 20:02	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	11/12/2025 10:16	11/12/2025 23:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes: VOA-Air **Sample Notes:**

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	11/13/2025 13:34	11/16/2025 16:04	gxb
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	11/13/2025 13:34	11/16/2025 16:04	gxb
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	11/13/2025 13:34	11/16/2025 16:04	gxb
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*103 %*	*30-150*

Metals, Target Analyte

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.556	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-70-2	Calcium	ND		mg/L	0.556	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7439-92-1	Lead	ND		mg/L	0.007	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7439-95-4	Magnesium	ND		mg/L	0.067	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SOFB02_11-11-25 **York Sample ID:** 25K0595-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0595	170794301	Water	November 11, 2025 3:15 pm	11/11/2025

Metals, Target Analyte

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.007	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-23-5	Sodium	ND		mg/L	1.11	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D	11/13/2025 09:45	11/13/2025 16:16	JWT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Mercury by 7470/7471

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/12/2025 15:32	11/12/2025 15:32	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Cyanide, Total

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016	11/12/2025 16:43	11/12/2025 22:30	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	11/11/2025 21:04	11/11/2025 22:00	SML
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: VOA-Air **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/17/2025 16:16	11/17/2025 18:35	AA
							Certifications:			

Analytical Batch Summary

Batch ID: [none] **Preparation Method** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/11/25
25K0595-02	SB-13_12-14	11/11/25
25K0595-03	SB-13_25-27	11/11/25
25K0595-04	SB-15_3-5	11/11/25
25K0595-05	SB-15_13-15	11/11/25
25K0595-06	SB-15_25-27	11/11/25
25K0595-09	SODUP02_11-11-25	11/11/25

Batch ID: 813898A **Preparation Method** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/11/25
25K0595-02	SB-13_12-14	11/11/25
25K0595-03	SB-13_25-27	11/11/25
25K0595-04	SB-15_3-5	11/11/25
25K0595-05	SB-15_13-15	11/11/25
25K0595-06	SB-15_25-27	11/11/25
25K0595-09	SODUP02_11-11-25	11/11/25

Batch ID: 814222A **Preparation Method** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-04RE1	SB-15_3-5	11/11/25

Batch ID: BK50658 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/11/25
BK50658-BLK1	Blank	11/11/25
BK50658-BS1	LCS	11/11/25

Batch ID: BK50681 **Preparation Method** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/12/25
25K0595-03	SB-13_25-27	11/12/25
25K0595-04	SB-15_3-5	11/12/25
25K0595-05	SB-15_13-15	11/12/25
25K0595-06	SB-15_25-27	11/12/25
25K0595-07	SB-14_0-2	11/12/25
25K0595-08	SB-14_10-12	11/12/25
25K0595-09	SODUP02_11-11-25	11/12/25
BK50681-BLK1	Blank	11/12/25

BK50681-BS1	LCS	11/12/25
BK50681-BS2	LCS	11/12/25

Batch ID: BK50682 **Preparation Method** EPA 3510C **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50682-BLK1	Blank	11/12/25
BK50682-BS1	LCS	11/12/25
BK50682-BSD1	LCS Dup	11/12/25

Batch ID: BK50684 **Preparation Method** EPA 3510C **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50684-BLK2	Blank	11/12/25
BK50684-BS2	LCS	11/12/25

Batch ID: BK50708 **Preparation Method** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50708-BLK1	Blank	11/12/25
BK50708-BS1	LCS	11/12/25

Batch ID: BK50709 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50709-BS2	LCS	11/12/25
BK50709-BSD2	LCS Dup	11/12/25

Batch ID: BK50710 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50710-BLK1	Blank	11/12/25
BK50710-BS1	LCS	11/12/25

Batch ID: BK50711 **Preparation Method** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-02	SB-13_12-14	11/12/25
BK50711-BLK1	Blank	11/12/25
BK50711-BS1	LCS	11/12/25
BK50711-BS2	LCS	11/12/25
BK50711-MS1	Matrix Spike	11/12/25

BK50711-MSD1	Matrix Spike Dup	11/12/25	

Batch ID: BK50714 **Preparation Method** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50714-BLK1	Blank	11/12/25
BK50714-BS1	LCS	11/12/25
BK50714-BS2	LCS	11/12/25

Batch ID: BK50722 **Preparation Method** % Solids Prep **Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/12/25
25K0595-02	SB-13_12-14	11/12/25
25K0595-03	SB-13_25-27	11/12/25
25K0595-04	SB-15_3-5	11/12/25
25K0595-05	SB-15_13-15	11/12/25
25K0595-06	SB-15_25-27	11/12/25
25K0595-09	SODUP02_11-11-25	11/12/25
BK50722-DUP1	Duplicate	11/12/25

Batch ID: BK50737 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50737-BLK1	Blank	11/12/25
BK50737-BLK2	Blank	11/12/25
BK50737-BS1	LCS	11/12/25
BK50737-BS2	LCS	11/12/25

Batch ID: BK50749 **Preparation Method** Analysis Preparation **Prepared By:** JS

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/12/25
BK50749-BLK1	Blank	11/12/25
BK50749-BS1	LCS	11/12/25

Batch ID: BK50751 **Preparation Method** Analysis Preparation Soil **Prepared By:** JS

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/12/25
25K0595-02	SB-13_12-14	11/12/25
25K0595-03	SB-13_25-27	11/12/25
25K0595-04	SB-15_3-5	11/12/25
25K0595-05	SB-15_13-15	11/12/25
25K0595-06	SB-15_25-27	11/12/25
25K0595-09	SODUP02_11-11-25	11/12/25

BK50751-BLK1	Blank	11/12/25
BK50751-DUP1	Duplicate	11/12/25
BK50751-MS1	Matrix Spike	11/12/25
BK50751-MSD1	Matrix Spike Dup	11/12/25
BK50751-SRM1	Reference	11/12/25

Batch ID: BK50783 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/13/25
BK50783-BLK1	Blank	11/13/25
BK50783-BLK2	Blank	11/13/25
BK50783-BS1	LCS	11/13/25
BK50783-BS2	LCS	11/13/25

Batch ID: BK50796 **Preparation Method** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/13/25
25K0595-02	SB-13_12-14	11/13/25
BK50796-BLK1	Blank	11/13/25
BK50796-DUP1	Duplicate	11/13/25
BK50796-MS1	Matrix Spike	11/13/25
BK50796-SRM1	Reference	11/13/25

Batch ID: BK50808 **Preparation Method** % Solids Prep **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-07	SB-14_0-2	11/13/25
25K0595-08	SB-14_10-12	11/13/25
BK50808-DUP1	Duplicate	11/13/25

Batch ID: BK50819 **Preparation Method** EPA 3550C **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/13/25
25K0595-03	SB-13_25-27	11/13/25
25K0595-04	SB-15_3-5	11/13/25
25K0595-05	SB-15_13-15	11/13/25
25K0595-06	SB-15_25-27	11/13/25
25K0595-09	SODUP02_11-11-25	11/13/25
BK50819-BLK1	Blank	11/13/25
BK50819-BS1	LCS	11/13/25

Batch ID: BK50820 **Preparation Method** EPA 3550C/8151A **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-02	SB-13_12-14	11/13/25

BK50820-BLK1	Blank	11/13/25
BK50820-BS1	LCS	11/13/25
BK50820-MS1	Matrix Spike	11/13/25
BK50820-MSD1	Matrix Spike Dup	11/13/25

Batch ID: BK50827 **Preparation Method** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/13/25
BK50827-BLK1	Blank	11/13/25
BK50827-BS1	LCS	11/13/25
BK50827-BSD1	LCS Dup	11/13/25

Batch ID: BK50834 **Preparation Method** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/13/25
25K0595-02	SB-13_12-14	11/13/25
25K0595-03	SB-13_25-27	11/13/25
25K0595-04	SB-15_3-5	11/13/25
25K0595-05	SB-15_13-15	11/13/25
25K0595-06	SB-15_25-27	11/13/25
25K0595-09	SODUP02_11-11-25	11/13/25
BK50834-BLK1	Blank	11/13/25
BK50834-DUP1	Duplicate	11/13/25
BK50834-MS1	Matrix Spike	11/13/25
BK50834-MSD1	Matrix Spike Dup	11/13/25
BK50834-SRM1	Reference	11/13/25

Batch ID: BK50887 **Preparation Method** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/14/25
25K0595-02	SB-13_12-14	11/14/25
25K0595-03	SB-13_25-27	11/14/25
25K0595-04	SB-15_3-5	11/14/25
25K0595-05	SB-15_13-15	11/14/25
25K0595-06	SB-15_25-27	11/14/25
25K0595-09	SODUP02_11-11-25	11/14/25
BK50887-BLK1	Blank	11/14/25
BK50887-BS1	LCS	11/14/25
BK50887-MS1	Matrix Spike	11/14/25
BK50887-MSD1	Matrix Spike Dup	11/14/25

Batch ID: BK50890 **Preparation Method** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-03	SB-13_25-27	11/14/25
25K0595-04	SB-15_3-5	11/14/25

25K0595-05	SB-15_13-15	11/14/25
25K0595-06	SB-15_25-27	11/14/25
25K0595-09	SODUP02_11-11-25	11/14/25
BK50890-BLK1	Blank	11/14/25
BK50890-DUP1	Duplicate	11/14/25
BK50890-MS1	Matrix Spike	11/14/25
BK50890-SRM1	Reference	11/14/25

Batch ID: BK50891 **Preparation Method** EPA 3546 PPCB **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-02	SB-13_12-14	11/14/25
25K0595-03	SB-13_25-27	11/14/25
25K0595-04	SB-15_3-5	11/14/25
25K0595-06	SB-15_25-27	11/14/25
25K0595-09	SODUP02_11-11-25	11/14/25
BK50891-BLK1	Blank	11/14/25
BK50891-BS2	LCS	11/14/25
BK50891-MS2	Matrix Spike	11/14/25
BK50891-MSD2	Matrix Spike Dup	11/14/25

Batch ID: BK50893 **Preparation Method** EPA 3546 PPCB **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-02	SB-13_12-14	11/14/25
25K0595-03	SB-13_25-27	11/14/25
25K0595-04	SB-15_3-5	11/14/25
25K0595-05	SB-15_13-15	11/14/25
25K0595-06	SB-15_25-27	11/14/25
25K0595-09	SODUP02_11-11-25	11/14/25
BK50893-BLK1	Blank	11/14/25
BK50893-BS1	LCS	11/14/25
BK50893-MS1	Matrix Spike	11/14/25
BK50893-MSD1	Matrix Spike Dup	11/14/25

Batch ID: BK50899 **Preparation Method** EPA 3550C/8151A **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/14/25
25K0595-03	SB-13_25-27	11/14/25
25K0595-04	SB-15_3-5	11/14/25
25K0595-05	SB-15_13-15	11/14/25
25K0595-06	SB-15_25-27	11/14/25
25K0595-09	SODUP02_11-11-25	11/14/25
BK50899-BLK1	Blank	11/14/25
BK50899-BS1	LCS	11/14/25

Batch ID: BK50974 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/16/25
25K0595-02	SB-13_12-14	11/16/25
25K0595-03	SB-13_25-27	11/16/25
25K0595-04	SB-15_3-5	11/16/25
25K0595-05	SB-15_13-15	11/16/25
25K0595-06	SB-15_25-27	11/16/25
25K0595-09	SODUP02_11-11-25	11/16/25
BK50974-BLK1	Blank	11/16/25
BK50974-DUP1	Duplicate	11/16/25
BK50974-MS1	Matrix Spike	11/16/25
BK50974-PS1	Post Spike	11/16/25
BK50974-SRM1	Reference	11/16/25

Batch ID: BK50995 **Preparation Method** EPA 3546 PPCB **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/17/25
25K0595-05	SB-15_13-15	11/17/25
BK50995-BLK1	Blank	11/17/25
BK50995-BS2	LCS	11/17/25

Batch ID: BK50996 **Preparation Method** EPA 3546 PPCB **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/17/25
BK50996-BLK1	Blank	11/17/25
BK50996-BS1	LCS	11/17/25

Batch ID: BK51005 **Preparation Method** EPA 3550C **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-02	SB-13_12-14	11/17/25
BK51005-BLK1	Blank	11/17/25
BK51005-BS1	LCS	11/17/25
BK51005-MS1	Matrix Spike	11/17/25
BK51005-MSD1	Matrix Spike Dup	11/17/25

Batch ID: BK51050 **Preparation Method** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/17/25

Batch ID: BK51051 **Preparation Method** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-01	SB-13_3-5	11/17/25

25K0595-02	SB-13_12-14	11/17/25
25K0595-03	SB-13_25-27	11/17/25
25K0595-04	SB-15_3-5	11/17/25
25K0595-05	SB-15_13-15	11/17/25
25K0595-06	SB-15_25-27	11/17/25
25K0595-09	SODUP02_11-11-25	11/17/25

Batch ID: BK51193 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K0595-10	SOFB02_11-11-25	11/19/25
BK51193-BLK1	Blank	11/19/25
BK51193-BS1	LCS	11/19/25
BK51193-BSD1	LCS Dup	11/19/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51193 - EPA 5030B											
Blank (BK51193-BLK1) Blank									Prepared & Analyzed: 11/19/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.270	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.200	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.42	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.370	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.490	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51193 - EPA 5030B											
Blank (BK51193-BLK1) Blank									Prepared & Analyzed: 11/19/2025		
Naphthalene	0.250	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BK51193-BS1) LCS									Prepared & Analyzed: 11/19/2025		
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	9.85		"	10.0		98.5	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	9.83		"	10.0		98.3	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	9.79		"	10.0		97.9	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,3-Dichloropropane	10.4		"	10.0		104	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
2-Butanone	9.42		"	10.0		94.2	49-152				
2-Hexanone	9.90		"	10.0		99.0	51-146				
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145				
Acetone	9.34		"	10.0		93.4	14-150				
Acrolein	18.6		"	40.0		46.5	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51193 - EPA 5030B											
LCS (BK51193-BS1) LCS							Prepared & Analyzed: 11/19/2025				
Benzene	10.1		ug/L	10.0		101	85-126				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	10.5		"	10.0		105	78-133				
Bromomethane	10.8		"	10.0		108	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	10.9		"	10.0		109	65-136				
Chloroform	9.49		"	10.0		94.9	82-128				
Chloromethane	6.34		"	10.0		63.4	43-155				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Cyclohexane	13.2		"	10.0		132	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	3.83		"	10.0		38.3	44-144	Low Bias			
Ethyl Benzene	11.4		"	10.0		114	80-131				
Hexachlorobutadiene	12.6		"	10.0		126	67-146				
Isopropylbenzene	11.8		"	10.0		118	76-140				
Methyl acetate	8.99		"	10.0		89.9	51-139				
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	76-135				
Methylcyclohexane	13.1		"	10.0		131	72-143				
Methylene chloride	9.49		"	10.0		94.9	55-137				
Naphthalene	9.91		"	10.0		99.1	70-147				
n-Butylbenzene	11.7		"	10.0		117	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	22.9		"	20.0		115	77-133				
p-Diethylbenzene	11.3		"	10.0		113	84-134				
p-Ethyltoluene	11.4		"	10.0		114	88-129				
p-Isopropyltoluene	11.8		"	10.0		118	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	45.5		"	50.0		91.1	25-162				
tert-Butylbenzene	11.4		"	10.0		114	77-138				
Tetrachloroethylene	6.39		"	10.0		63.9	82-131	Low Bias			
Toluene	11.2		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.97		"	10.0		99.7	67-139				
Vinyl Chloride	7.84		"	10.0		78.4	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51193 - EPA 5030B											
LCS Dup (BK51193-BSD1) LCS Dup								Prepared & Analyzed: 11/19/2025			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126		0.373	30	
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136		0.816	30	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129		2.21	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.0		"	10.0		130	54-165		1.94	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.0950	30	
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129		0.910	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		0.774	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		4.86	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		1.22	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		3.02	30	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132		1.44	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		1.85	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		2.45	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123		0.466	30	
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132		1.32	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		0.566	30	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131		0.344	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		1.83	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		1.71	30	
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124		1.41	30	
2-Butanone	9.46		"	10.0		94.6	49-152		0.424	30	
2-Hexanone	9.85		"	10.0		98.5	51-146		0.506	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145		0.0984	30	
Acetone	9.11		"	10.0		91.1	14-150		2.49	30	
Acrolein	17.9		"	40.0		44.8	10-153		3.89	30	
Acrylonitrile	11.5		"	10.0		115	51-150		3.26	30	
Benzene	10.2		"	10.0		102	85-126		1.58	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.00	30	
Bromodichloromethane	10.8		"	10.0		108	79-128		0.648	30	
Bromoform	10.5		"	10.0		105	78-133		0.285	30	
Bromomethane	11.0		"	10.0		110	43-168		2.57	30	
Carbon disulfide	10.9		"	10.0		109	68-146		1.46	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		1.89	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.927	30	
Chloroethane	11.1		"	10.0		111	65-136		2.37	30	
Chloroform	9.67		"	10.0		96.7	82-128		1.88	30	
Chloromethane	6.20		"	10.0		62.0	43-155		2.23	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		0.194	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		0.192	30	
Cyclohexane	13.2		"	10.0		132	63-149		0.00	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		1.59	30	
Dibromomethane	10.6		"	10.0		106	72-134		2.10	30	
Dichlorodifluoromethane	3.87		"	10.0		38.7	44-144	Low Bias	1.04	30	
Ethyl Benzene	11.6		"	10.0		116	80-131		1.31	30	
Hexachlorobutadiene	12.2		"	10.0		122	67-146		2.99	30	
Isopropylbenzene	11.9		"	10.0		119	76-140		0.760	30	
Methyl acetate	9.04		"	10.0		90.4	51-139		0.555	30	
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	76-135		3.09	30	
Methylcyclohexane	13.2		"	10.0		132	72-143		0.986	30	
Methylene chloride	9.52		"	10.0		95.2	55-137		0.316	30	
Naphthalene	10.5		"	10.0		105	70-147		6.16	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51193 - EPA 5030B											
LCS Dup (BK51193-BSD1) LCS Dup									Prepared & Analyzed: 11/19/2025		
n-Butylbenzene	11.9		ug/L	10.0		119	79-132		1.61	30	
n-Propylbenzene	11.8		"	10.0		118	78-133		0.679	30	
o-Xylene	11.1		"	10.0		111	78-130		1.18	30	
p- & m- Xylenes	23.1		"	20.0		115	77-133		0.653	30	
p-Diethylbenzene	11.5		"	10.0		115	84-134		1.75	30	
p-Ethyltoluene	11.4		"	10.0		114	88-129		0.263	30	
p-Isopropyltoluene	11.9		"	10.0		119	81-136		1.10	30	
sec-Butylbenzene	12.0		"	10.0		120	79-137		1.34	30	
Styrene	10.4		"	10.0		104	67-132		0.288	30	
tert-Butyl alcohol (TBA)	47.2		"	50.0		94.4	25-162		3.64	30	
tert-Butylbenzene	11.6		"	10.0		116	77-138		1.39	30	
Tetrachloroethylene	6.42		"	10.0		64.2	82-131	Low Bias	0.468	30	
Toluene	11.2		"	10.0		112	80-127		0.00	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		0.0966	30	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131		0.277	30	
Trichloroethylene	10.4		"	10.0		104	82-128		1.65	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		1.30	30	
Vinyl Chloride	7.78		"	10.0		77.8	58-145		0.768	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.87*		*"*	*10.0*		*98.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50682 - EPA 3510C											
Blank (BK50682-BLK1) Blank									Prepared & Analyzed: 11/12/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50682 - EPA 3510C											
Blank (BK50682-BLK1) Blank								Prepared & Analyzed: 11/12/2025			
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*13.5*		"	*50.0*		*27.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.08*		"	*50.0*		*14.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		"	*25.0*		*48.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.6*		"	*25.0*		*46.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.2*		"	*50.0*		*60.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.6*		"	*25.0*		*58.4*	*30.7-106*				
LCS (BK50682-BS1) LCS								Prepared & Analyzed: 11/12/2025			
1,1-Biphenyl	11.4	5.00	ug/L	25.0		45.5	33-95				
1,2,4,5-Tetrachlorobenzene	9.89	5.00	"	25.0		39.6	26-120				
1,2,4-Trichlorobenzene	8.60	5.00	"	25.0		34.4	20-118				
1,2-Dichlorobenzene	8.97	5.00	"	25.0		35.9	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	10.4	5.00	"	25.0		41.8	16-141				
1,3-Dichlorobenzene	8.73	5.00	"	25.0		34.9	23-117				
1,4-Dichlorobenzene	8.81	5.00	"	25.0		35.2	30-105				
2,3,4,6-Tetrachlorophenol	21.4	5.00	"	25.0		85.6	30-130				
2,4,5-Trichlorophenol	13.8	5.00	"	25.0		55.1	32-114				
2,4,6-Trichlorophenol	13.4	5.00	"	25.0		53.4	35-118				
2,4-Dichlorophenol	11.1	5.00	"	25.0		44.6	25-116				
2,4-Dimethylphenol	9.98	5.00	"	25.0		39.9	15-116				
2,4-Dinitrophenol	13.5	5.00	"	25.0		54.0	10-170				
2,4-Dinitrotoluene	16.0	5.00	"	25.0		64.0	41-128				
2,6-Dinitrotoluene	15.2	5.00	"	25.0		60.6	45-116				
2-Chloronaphthalene	10.3	5.00	"	25.0		41.2	33-112				
2-Chlorophenol	10.1	5.00	"	25.0		40.5	15-120				
2-Methylnaphthalene	8.33	5.00	"	25.0		33.3	24-118				
2-Methylphenol	9.10	5.00	"	25.0		36.4	10-110				
2-Nitroaniline	14.4	5.00	"	25.0		57.8	34-129				
2-Nitrophenol	13.4	5.00	"	25.0		53.6	28-118				
3- & 4-Methylphenols	7.51	5.00	"	25.0		30.0	10-107				
3,3-Dichlorobenzidine	13.1	5.00	"	25.0		52.5	15-187				
3-Nitroaniline	13.2	5.00	"	25.0		52.7	24-134				
4,6-Dinitro-2-methylphenol	22.2	5.00	"	25.0		88.6	10-153				
4-Bromophenyl phenyl ether	11.2	5.00	"	25.0		44.6	34-120				
4-Chloro-3-methylphenol	11.8	5.00	"	25.0		47.1	20-120				
4-Chloroaniline	8.87	5.00	"	25.0		35.5	10-147				
4-Chlorophenyl phenyl ether	11.7	5.00	"	25.0		46.6	27-121				
4-Nitroaniline	13.3	5.00	"	25.0		53.2	13-134				
4-Nitrophenol	6.98	5.00	"	25.0		27.9	10-131				
Acetophenone	11.3	5.00	"	25.0		45.2	25-110				
Aniline	7.10	5.00	"	25.0		28.4	10-117				
Benzaldehyde	11.5	5.00	"	25.0		46.0	29-117				
Benzoic acid	2.99	5.00	"	25.0		12.0	30-130	Low Bias			
Benzyl alcohol	8.43	5.00	"	25.0		33.7	10-117				
Benzyl butyl phthalate	13.8	5.00	"	25.0		55.1	29-133				
Bis(2-chloroethoxy)methane	10.3	5.00	"	25.0		41.4	10-154				
Bis(2-chloroethyl)ether	10.4	5.00	"	25.0		41.7	17-125				
Bis(2-chloroisopropyl)ether	10.4	5.00	"	25.0		41.7	10-139				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50682 - EPA 3510C											
LCS (BK50682-BS1) LCS							Prepared & Analyzed: 11/12/2025				
Caprolactam	ND	5.00	ug/L	25.0			10-137	Low Bias			
Carbazole	12.6	5.00	"	25.0		50.2	42-126				
Dibenzofuran	11.1	5.00	"	25.0		44.6	36-113				
Diethyl phthalate	12.4	5.00	"	25.0		49.6	38-115				
Dimethyl phthalate	12.2	5.00	"	25.0		48.9	38-129				
Di-n-butyl phthalate	13.3	5.00	"	25.0		53.1	31-120				
Di-n-octyl phthalate	13.8	5.00	"	25.0		55.0	21-149				
Hexachlorocyclopentadiene	9.81	10.0	"	25.0		39.2	10-130				
Isophorone	11.3	5.00	"	25.0		45.3	25-127				
N-nitroso-di-n-propylamine	11.7	5.00	"	25.0		46.7	26-122				
N-Nitrosodiphenylamine	12.1	5.00	"	25.0		48.2	23-149				
Phenol	4.78	5.00	"	25.0		19.1	10-110				
Pyridine	7.72	5.00	"	35.0		22.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*12.6*		*"*	*50.0*		*25.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.02*		*"*	*50.0*		*14.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.4*		*"*	*25.0*		*49.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.1*		*"*	*25.0*		*44.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.4*		*"*	*50.0*		*62.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.9*		*"*	*25.0*		*51.5*	*30.7-106*				
LCS Dup (BK50682-BSD1) LCS Dup							Prepared & Analyzed: 11/12/2025				
1,1-Biphenyl	11.7	5.00	ug/L	25.0		47.0	33-95		3.11	20	
1,2,4,5-Tetrachlorobenzene	9.57	5.00	"	25.0		38.3	26-120		3.29	20	
1,2,4-Trichlorobenzene	8.57	5.00	"	25.0		34.3	20-118		0.349	20	
1,2-Dichlorobenzene	9.01	5.00	"	25.0		36.0	29-111		0.445	20	
1,2-Diphenylhydrazine (as Azobenzene)	11.4	5.00	"	25.0		45.6	16-141		8.88	20	
1,3-Dichlorobenzene	9.05	5.00	"	25.0		36.2	23-117		3.60	20	
1,4-Dichlorobenzene	9.10	5.00	"	25.0		36.4	30-105		3.24	20	
2,3,4,6-Tetrachlorophenol	24.0	5.00	"	25.0		96.0	30-130		11.5	20	
2,4,5-Trichlorophenol	13.6	5.00	"	25.0		54.5	32-114		1.02	20	
2,4,6-Trichlorophenol	14.6	5.00	"	25.0		58.3	35-118		8.66	20	
2,4-Dichlorophenol	11.0	5.00	"	25.0		44.2	25-116		0.902	20	
2,4-Dimethylphenol	10.4	5.00	"	25.0		41.6	15-116		4.12	20	
2,4-Dinitrophenol	13.2	5.00	"	25.0		53.0	10-170		1.87	20	
2,4-Dinitrotoluene	16.0	5.00	"	25.0		63.9	41-128		0.0626	20	
2,6-Dinitrotoluene	15.3	5.00	"	25.0		61.1	45-116		0.788	20	
2-Chloronaphthalene	10.4	5.00	"	25.0		41.6	33-112		0.965	20	
2-Chlorophenol	10.4	5.00	"	25.0		41.6	15-120		2.63	20	
2-Methylnaphthalene	8.46	5.00	"	25.0		33.8	24-118		1.55	20	
2-Methylphenol	9.44	5.00	"	25.0		37.8	10-110		3.67	20	
2-Nitroaniline	15.2	5.00	"	25.0		60.6	34-129		4.80	20	
2-Nitrophenol	13.4	5.00	"	25.0		53.5	28-118		0.149	20	
3- & 4-Methylphenols	7.66	5.00	"	25.0		30.6	10-107		1.98	20	
3,3-Dichlorobenzidine	14.4	5.00	"	25.0		57.4	15-187		9.02	20	
3-Nitroaniline	14.0	5.00	"	25.0		56.0	24-134		6.18	20	
4,6-Dinitro-2-methylphenol	21.7	5.00	"	25.0		86.9	10-153		1.96	20	
4-Bromophenyl phenyl ether	10.5	5.00	"	25.0		41.9	34-120		6.20	20	
4-Chloro-3-methylphenol	12.6	5.00	"	25.0		50.5	20-120		6.97	20	
4-Chloroaniline	9.48	5.00	"	25.0		37.9	10-147		6.65	20	
4-Chlorophenyl phenyl ether	11.5	5.00	"	25.0		46.0	27-121		1.29	20	
4-Nitroaniline	13.9	5.00	"	25.0		55.5	13-134		4.34	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50682 - EPA 3510C											
LCS Dup (BK50682-BSD1) LCS Dup									Prepared & Analyzed: 11/12/2025		
4-Nitrophenol	7.72	5.00	ug/L	25.0		30.9	10-131		10.1	20	
Acetophenone	11.6	5.00	"	25.0		46.6	25-110		2.96	20	
Aniline	8.00	5.00	"	25.0		32.0	10-117		11.9	20	
Benzaldehyde	11.9	5.00	"	25.0		47.6	29-117		3.51	20	
Benzoic acid	3.11	5.00	"	25.0		12.4	30-130	Low Bias	3.93	20	
Benzyl alcohol	9.28	5.00	"	25.0		37.1	10-117		9.60	20	
Benzyl butyl phthalate	14.7	5.00	"	25.0		58.8	29-133		6.60	20	
Bis(2-chloroethoxy)methane	10.3	5.00	"	25.0		41.2	10-154		0.485	20	
Bis(2-chloroethyl)ether	10.6	5.00	"	25.0		42.3	17-125		1.52	20	
Bis(2-chloroisopropyl)ether	10.7	5.00	"	25.0		42.8	10-139		2.56	20	
Caprolactam	3.05	5.00	"	25.0		12.2	10-137		21.8	20	Non-dir.
Carbazole	13.0	5.00	"	25.0		52.0	42-126		3.45	20	
Dibenzofuran	11.1	5.00	"	25.0		44.4	36-113		0.450	20	
Diethyl phthalate	12.9	5.00	"	25.0		51.5	38-115		3.80	20	
Dimethyl phthalate	12.5	5.00	"	25.0		50.0	38-129		2.19	20	
Di-n-butyl phthalate	13.8	5.00	"	25.0		55.3	31-120		3.99	20	
Di-n-octyl phthalate	14.1	5.00	"	25.0		56.4	21-149		2.44	20	
Hexachlorocyclopentadiene	9.46	10.0	"	25.0		37.8	10-130		3.63	20	
Isophorone	11.3	5.00	"	25.0		45.3	25-127		0.0883	20	
N-nitroso-di-n-propylamine	12.1	5.00	"	25.0		48.5	26-122		3.87	20	
N-Nitrosodiphenylamine	12.6	5.00	"	25.0		50.4	23-149		4.30	20	
Phenol	4.51	5.00	"	25.0		18.0	10-110		5.81	20	
Pyridine	7.52	5.00	"	35.0		21.5	10-90		2.62	20	
Surrogate: SURR: 2-Fluorophenol	*13.1*		"	*50.0*		*26.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.36*		"	*50.0*		*14.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.5*		"	*25.0*		*49.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.2*		"	*25.0*		*44.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.2*		"	*50.0*		*60.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.2*		"	*25.0*		*52.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50887 - EPA 3550C

Blank (BK50887-BLK1) Blank — Prepared & Analyzed: 11/14/2025

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50887 - EPA 3550C											
Blank (BK50887-BLK1) Blank									Prepared & Analyzed: 11/14/2025		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.930*		"	*1.66*		*56.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.798*		"	*1.66*		*48.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.476*		"	*0.831*		*57.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.512*		"	*0.831*		*61.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.35*		"	*1.66*		*81.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.625*		"	*0.831*		*75.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50887 - EPA 3550C											
LCS (BK50887-BS1) LCS							Prepared & Analyzed: 11/14/2025				
1,1-Biphenyl	0.512	0.0416	mg/kg wet	0.831		61.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.698	0.0830	"	0.831		84.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.485	0.0416	"	0.831		58.4	17-137				
2,3,4,6-Tetrachlorophenol	0.678	0.0830	"	0.831		81.6	30-130				
2,4,5-Trichlorophenol	0.527	0.0416	"	0.831		63.4	27-118				
2,4,6-Trichlorophenol	0.574	0.0416	"	0.831		69.1	31-120				
2,4-Dichlorophenol	0.584	0.0416	"	0.831		70.4	20-127				
2,4-Dimethylphenol	0.504	0.0416	"	0.831		60.7	14-132				
2,4-Dinitrophenol	0.455	0.0830	"	0.831		54.8	10-171				
2,4-Dinitrotoluene	0.654	0.0416	"	0.831		78.8	34-131				
2,6-Dinitrotoluene	0.600	0.0416	"	0.831		72.2	31-128				
2-Chloronaphthalene	0.523	0.0416	"	0.831		62.9	31-117				
2-Chlorophenol	0.510	0.0416	"	0.831		61.4	33-113				
2-Methylnaphthalene	0.522	0.0416	"	0.831		62.8	12-138				
2-Methylphenol	0.465	0.0416	"	0.831		56.0	10-136				
2-Nitroaniline	0.585	0.0830	"	0.831		70.5	27-132				
2-Nitrophenol	0.633	0.0416	"	0.831		76.2	17-129				
3- & 4-Methylphenols	0.409	0.0416	"	0.831		49.2	29-103				
3,3-Dichlorobenzidine	0.513	0.0416	"	0.831		61.8	22-149				
3-Nitroaniline	0.485	0.0830	"	0.831		58.4	20-133				
4,6-Dinitro-2-methylphenol	0.773	0.0830	"	0.831		93.1	10-143				
4-Bromophenyl phenyl ether	0.635	0.0416	"	0.831		76.5	29-120				
4-Chloro-3-methylphenol	0.599	0.0416	"	0.831		72.1	24-129				
4-Chloroaniline	0.317	0.0416	"	0.831		38.1	10-132				
4-Chlorophenyl phenyl ether	0.571	0.0416	"	0.831		68.8	27-124				
4-Nitroaniline	0.546	0.0830	"	0.831		65.8	16-128				
4-Nitrophenol	0.395	0.0830	"	0.831		47.5	10-141				
Acenaphthene	0.495	0.0416	"	0.831		59.6	30-121				
Acenaphthylene	0.541	0.0416	"	0.831		65.1	30-115				
Acetophenone	0.454	0.0416	"	0.831		54.6	20-112				
Aniline	0.273	0.166	"	0.831		32.9	10-119				
Anthracene	0.581	0.0416	"	0.831		70.0	34-118				
Atrazine	0.537	0.0416	"	0.831		64.7	26-112				
Benzaldehyde	0.312	0.0416	"	0.831		37.5	21-100				
Benzo(a)anthracene	0.638	0.0416	"	0.831		76.8	32-122				
Benzo(a)pyrene	0.540	0.0416	"	0.831		65.0	29-133				
Benzo(b)fluoranthene	0.573	0.0416	"	0.831		69.0	25-133				
Benzo(g,h,i)perylene	0.589	0.0416	"	0.831		71.0	10-143				
Benzo(k)fluoranthene	0.580	0.0416	"	0.831		69.8	25-128				
Benzoic acid	0.188	0.0416	"	0.831		22.6	10-140				
Benzyl alcohol	0.453	0.0416	"	0.831		54.6	30-115				
Benzyl butyl phthalate	0.636	0.0416	"	0.831		76.6	26-126				
Bis(2-chloroethoxy)methane	0.489	0.0416	"	0.831		58.9	19-132				
Bis(2-chloroethyl)ether	0.436	0.0416	"	0.831		52.5	19-125				
Bis(2-chloroisopropyl)ether	0.297	0.0416	"	0.831		35.8	20-135				
Bis(2-ethylhexyl)phthalate	0.636	0.0416	"	0.831		76.6	10-155				
Caprolactam	0.566	0.0830	"	0.831		68.2	10-127				
Carbazole	0.597	0.0416	"	0.831		71.9	35-123				
Chrysene	0.630	0.0416	"	0.831		75.9	32-123				
Dibenzo(a,h)anthracene	0.565	0.0416	"	0.831		68.1	10-136				
Dibenzofuran	0.553	0.0416	"	0.831		66.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50887 - EPA 3550C											
LCS (BK50887-BS1) LCS							Prepared & Analyzed: 11/14/2025				
Diethyl phthalate	0.564	0.0416	mg/kg wet	0.831		67.9	34-116				
Dimethyl phthalate	0.557	0.0416	"	0.831		67.1	35-124				
Di-n-butyl phthalate	0.601	0.0416	"	0.831		72.4	31-116				
Di-n-octyl phthalate	0.620	0.0416	"	0.831		74.7	26-136				
Diphenylamine	0.696	0.0830	"	0.831		83.8	40-140				
Fluoranthene	0.587	0.0416	"	0.831		70.7	33-122				
Fluorene	0.550	0.0416	"	0.831		66.2	29-123				
Hexachlorobenzene	0.562	0.0416	"	0.831		67.7	21-124				
Hexachlorobutadiene	0.634	0.0416	"	0.831		76.3	10-149				
Hexachlorocyclopentadiene	0.179	0.0416	"	0.831		21.6	10-129				
Hexachloroethane	0.503	0.0416	"	0.831		60.5	28-108				
Indeno(1,2,3-cd)pyrene	0.631	0.0416	"	0.831		75.9	10-135				
Isophorone	0.488	0.0416	"	0.831		58.7	20-132				
Naphthalene	0.542	0.0416	"	0.831		65.3	23-124				
Nitrobenzene	0.458	0.0416	"	0.831		55.2	13-132				
N-Nitrosodimethylamine	0.367	0.0416	"	0.831		44.2	11-129				
N-nitroso-di-n-propylamine	0.409	0.0416	"	0.831		49.2	24-119				
N-Nitrosodiphenylamine	0.678	0.0416	"	0.831		81.6	22-152				
Pentachlorophenol	0.584	0.0416	"	0.831		70.4	10-139				
Phenanthrene	0.570	0.0416	"	0.831		68.7	33-123				
Phenol	0.485	0.0416	"	0.831		58.4	23-115				
Pyrene	0.671	0.0416	"	0.831		80.8	24-130				
Pyridine	0.297	0.166	"	0.831		35.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.854*		"	*1.66*		*51.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.787*		"	*1.66*		*47.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.433*		"	*0.831*		*52.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.484*		"	*0.831*		*58.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.44*		"	*1.66*		*86.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.633*		"	*0.831*		*76.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50887 - EPA 3550C

Matrix Spike (BK50887-MS1) Matrix Spike *Source sample: 25K0595-02 (SB-13_12-14) Prepared & Analyzed: 11/14/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.536	0.0863	mg/kg dry	0.863	ND	62.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.731	0.172	"	0.863	ND	84.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.489	0.0863	"	0.863	ND	56.7	10-144				
2,3,4,6-Tetrachlorophenol	0.646	0.172	"	0.863	ND	74.9	30-130				
2,4,5-Trichlorophenol	0.533	0.0863	"	0.863	ND	61.8	10-127				
2,4,6-Trichlorophenol	0.581	0.0863	"	0.863	ND	67.4	10-132				
2,4-Dichlorophenol	0.607	0.0863	"	0.863	ND	70.3	10-128				
2,4-Dimethylphenol	0.504	0.0863	"	0.863	ND	58.5	10-137				
2,4-Dinitrophenol	0.365	0.172	"	0.863	ND	42.3	10-171				
2,4-Dinitrotoluene	0.662	0.0863	"	0.863	ND	76.7	16-135				
2,6-Dinitrotoluene	0.610	0.0863	"	0.863	ND	70.7	18-131				
2-Chloronaphthalene	0.556	0.0863	"	0.863	ND	64.4	10-129				
2-Chlorophenol	0.556	0.0863	"	0.863	ND	64.4	15-116				
2-Methylnaphthalene	0.572	0.0863	"	0.863	ND	66.3	10-147				
2-Methylphenol	0.503	0.0863	"	0.863	ND	58.3	10-136				
2-Nitroaniline	0.633	0.172	"	0.863	ND	73.4	10-137				
2-Nitrophenol	0.645	0.0863	"	0.863	ND	74.7	10-129				
3- & 4-Methylphenols	0.393	0.0863	"	0.863	ND	45.5	10-123				
3,3-Dichlorobenzidine	0.524	0.0863	"	0.863	ND	60.8	10-155				
3-Nitroaniline	0.542	0.172	"	0.863	ND	62.8	12-133				
4,6-Dinitro-2-methylphenol	0.640	0.172	"	0.863	ND	74.2	10-155				
4-Bromophenyl phenyl ether	0.625	0.0863	"	0.863	ND	72.4	14-128				
4-Chloro-3-methylphenol	0.647	0.0863	"	0.863	ND	75.0	10-134				
4-Chloroaniline	0.361	0.0863	"	0.863	ND	41.8	10-145				
4-Chlorophenyl phenyl ether	0.597	0.0863	"	0.863	ND	69.2	14-130				
4-Nitroaniline	0.568	0.172	"	0.863	ND	65.8	10-147				
4-Nitrophenol	0.782	0.172	"	0.863	ND	90.6	10-137				
Acenaphthene	0.539	0.0863	"	0.863	ND	62.5	10-146				
Acenaphthylene	0.607	0.0863	"	0.863	0.0626	63.1	10-134				
Acetophenone	0.510	0.0863	"	0.863	ND	59.1	10-116				
Aniline	0.311	0.346	"	0.863	ND	36.0	10-123				
Anthracene	0.603	0.0863	"	0.863	0.0839	60.2	10-142				
Atrazine	0.539	0.0863	"	0.863	ND	62.5	19-115				
Benzaldehyde	0.341	0.0863	"	0.863	ND	39.5	10-125				
Benzo(a)anthracene	0.653	0.0863	"	0.863	0.292	41.9	10-158				
Benzo(a)pyrene	0.594	0.0863	"	0.863	0.294	34.8	10-180				
Benzo(b)fluoranthene	0.564	0.0863	"	0.863	0.229	38.9	10-200				
Benzo(g,h,i)perylene	0.622	0.0863	"	0.863	0.300	37.4	10-138				
Benzo(k)fluoranthene	0.698	0.0863	"	0.863	0.253	51.5	10-197				
Benzoic acid	0.204	0.0863	"	0.863	ND	23.6	10-166				
Benzyl alcohol	0.488	0.0863	"	0.863	ND	56.6	12-124				
Benzyl butyl phthalate	0.624	0.0863	"	0.863	ND	72.3	10-154				
Bis(2-chloroethoxy)methane	0.518	0.0863	"	0.863	ND	60.1	10-132				
Bis(2-chloroethyl)ether	0.470	0.0863	"	0.863	ND	54.5	10-119				
Bis(2-chloroisopropyl)ether	0.343	0.0863	"	0.863	ND	39.8	10-139				
Bis(2-ethylhexyl)phthalate	0.632	0.0863	"	0.863	0.0571	66.7	10-167				
Caprolactam	0.569	0.172	"	0.863	ND	65.9	10-132				
Carbazole	0.608	0.0863	"	0.863	ND	70.5	10-167				
Chrysene	0.658	0.0863	"	0.863	0.309	40.4	10-156				
Dibenzo(a,h)anthracene	0.583	0.0863	"	0.863	0.0702	59.5	10-137				
Dibenzofuran	0.619	0.0863	"	0.863	ND	71.8	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50887 - EPA 3550C											
Matrix Spike (BK50887-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared & Analyzed: 11/14/2025			
Diethyl phthalate	0.596	0.0863	mg/kg dry	0.863	ND	69.0	20-120				
Dimethyl phthalate	0.611	0.0863	"	0.863	ND	70.9	18-131				
Di-n-butyl phthalate	0.612	0.0863	"	0.863	ND	71.0	10-137				
Di-n-octyl phthalate	0.636	0.0863	"	0.863	ND	73.7	10-180				
Diphenylamine	0.714	0.172	"	0.863	ND	82.8	40-140				
Fluoranthene	0.627	0.0863	"	0.863	0.517	12.8	10-160				
Fluorene	0.609	0.0863	"	0.863	ND	70.6	10-157				
Hexachlorobenzene	0.562	0.0863	"	0.863	ND	65.1	10-137				
Hexachlorobutadiene	0.685	0.0863	"	0.863	ND	79.4	10-132				
Hexachlorocyclopentadiene	0.121	0.0863	"	0.863	ND	14.1	10-106				
Hexachloroethane	0.548	0.0863	"	0.863	ND	63.5	10-110				
Indeno(1,2,3-cd)pyrene	0.656	0.0863	"	0.863	0.243	47.9	10-144				
Isophorone	0.531	0.0863	"	0.863	ND	61.5	10-132				
Naphthalene	0.607	0.0863	"	0.863	ND	70.4	10-141				
Nitrobenzene	0.512	0.0863	"	0.863	ND	59.4	10-131				
N-Nitrosodimethylamine	0.414	0.0863	"	0.863	ND	48.0	10-126				
N-nitroso-di-n-propylamine	0.456	0.0863	"	0.863	ND	52.9	10-125				
N-Nitrosodiphenylamine	0.694	0.0863	"	0.863	ND	80.4	10-177				
Pentachlorophenol	0.503	0.0863	"	0.863	ND	58.3	10-153				
Phenanthrene	0.607	0.0863	"	0.863	0.268	39.3	10-148				
Phenol	0.507	0.0863	"	0.863	ND	58.7	10-126				
Pyrene	0.687	0.0863	"	0.863	0.622	7.60	10-165	Low Bias			
Pyridine	0.386	0.346	"	0.863	ND	44.8	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.972*		"	*1.73*		*56.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.874*		"	*1.73*		*50.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.456*		"	*0.863*		*52.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.530*		"	*0.863*		*61.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.40*		"	*1.73*		*81.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.641*		"	*0.863*		*74.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50887 - EPA 3550C

Matrix Spike Dup (BK50887- Matrix Spike Dup *Source sample: 25K0595-02 (SB-13_12-14) Prepared & Analyzed: 11/14/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.535	0.0863	mg/kg dry	0.863	ND	62.0	10-130		0.258	30	
1,2,4,5-Tetrachlorobenzene	0.682	0.172	"	0.863	ND	79.1	10-133		6.93	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.471	0.0863	"	0.863	ND	54.6	10-144		3.74	30	
2,3,4,6-Tetrachlorophenol	0.624	0.172	"	0.863	ND	72.3	30-130		3.48	30	
2,4,5-Trichlorophenol	0.524	0.0863	"	0.863	ND	60.8	10-127		1.57	30	
2,4,6-Trichlorophenol	0.572	0.0863	"	0.863	ND	66.3	10-132		1.56	30	
2,4-Dichlorophenol	0.606	0.0863	"	0.863	ND	70.2	10-128		0.114	30	
2,4-Dimethylphenol	0.458	0.0863	"	0.863	ND	53.0	10-137		9.76	30	
2,4-Dinitrophenol	0.382	0.172	"	0.863	ND	44.2	10-171		4.44	30	
2,4-Dinitrotoluene	0.653	0.0863	"	0.863	ND	75.7	16-135		1.36	30	
2,6-Dinitrotoluene	0.586	0.0863	"	0.863	ND	67.9	18-131		4.04	30	
2-Chloronaphthalene	0.524	0.0863	"	0.863	ND	60.8	10-129		5.75	30	
2-Chlorophenol	0.515	0.0863	"	0.863	ND	59.7	15-116		7.61	30	
2-Methylnaphthalene	0.539	0.0863	"	0.863	ND	62.5	10-147		5.96	30	
2-Methylphenol	0.471	0.0863	"	0.863	ND	54.6	10-136		6.52	30	
2-Nitroaniline	0.601	0.172	"	0.863	ND	69.7	10-137		5.15	30	
2-Nitrophenol	0.611	0.0863	"	0.863	ND	70.8	10-129		5.39	30	
3- & 4-Methylphenols	0.393	0.0863	"	0.863	ND	45.5	10-123		0.00	30	
3,3-Dichlorobenzidine	0.468	0.0863	"	0.863	ND	54.2	10-155		11.4	30	
3-Nitroaniline	0.500	0.172	"	0.863	ND	57.9	12-133		8.08	30	
4,6-Dinitro-2-methylphenol	0.633	0.172	"	0.863	ND	73.4	10-155		1.08	30	
4-Bromophenyl phenyl ether	0.606	0.0863	"	0.863	ND	70.2	14-128		3.03	30	
4-Chloro-3-methylphenol	0.626	0.0863	"	0.863	ND	72.6	10-134		3.25	30	
4-Chloroaniline	0.320	0.0863	"	0.863	ND	37.0	10-145		12.2	30	
4-Chlorophenyl phenyl ether	0.596	0.0863	"	0.863	ND	69.1	14-130		0.116	30	
4-Nitroaniline	0.526	0.172	"	0.863	ND	61.0	10-147		7.70	30	
4-Nitrophenol	0.725	0.172	"	0.863	ND	84.1	10-137		7.51	30	
Acenaphthene	0.517	0.0863	"	0.863	ND	59.9	10-146		4.18	30	
Acenaphthylene	0.576	0.0863	"	0.863	0.0626	59.5	10-134		5.37	30	
Acetophenone	0.491	0.0863	"	0.863	ND	56.9	10-116		3.86	30	
Aniline	0.242	0.346	"	0.863	ND	28.0	10-123		25.0	30	
Anthracene	0.576	0.0863	"	0.863	0.0839	57.1	10-142		4.56	30	
Atrazine	0.492	0.0863	"	0.863	ND	57.0	19-115		9.10	30	
Benzaldehyde	0.331	0.0863	"	0.863	ND	38.4	10-125		2.87	30	
Benzo(a)anthracene	0.600	0.0863	"	0.863	0.292	35.6	10-158		8.59	30	
Benzo(a)pyrene	0.551	0.0863	"	0.863	0.294	29.8	10-180		7.59	30	
Benzo(b)fluoranthene	0.533	0.0863	"	0.863	0.229	35.2	10-200		5.79	30	
Benzo(g,h,i)perylene	0.553	0.0863	"	0.863	0.300	29.3	10-138		11.9	30	
Benzo(k)fluoranthene	0.630	0.0863	"	0.863	0.253	43.7	10-197		10.2	30	
Benzoic acid	0.224	0.0863	"	0.863	ND	25.9	10-166		9.37	30	
Benzyl alcohol	0.433	0.0863	"	0.863	ND	50.2	12-124		11.8	30	
Benzyl butyl phthalate	0.618	0.0863	"	0.863	ND	71.7	10-154		0.889	30	
Bis(2-chloroethoxy)methane	0.503	0.0863	"	0.863	ND	58.3	10-132		2.97	30	
Bis(2-chloroethyl)ether	0.507	0.0863	"	0.863	ND	58.7	10-119		7.49	30	
Bis(2-chloroisopropyl)ether	0.306	0.0863	"	0.863	ND	35.4	10-139		11.5	30	
Bis(2-ethylhexyl)phthalate	0.583	0.0863	"	0.863	0.0571	61.0	10-167		8.06	30	
Caprolactam	0.529	0.172	"	0.863	ND	61.3	10-132		7.30	30	
Carbazole	0.564	0.0863	"	0.863	ND	65.4	10-167		7.42	30	
Chrysene	0.607	0.0863	"	0.863	0.309	34.5	10-156		8.08	30	
Dibenzo(a,h)anthracene	0.531	0.0863	"	0.863	0.0702	53.4	10-137		9.42	30	
Dibenzofuran	0.588	0.0863	"	0.863	ND	68.2	10-147		5.15	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50887 - EPA 3550C											
Matrix Spike Dup (BK50887- Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared & Analyzed: 11/14/2025		
Diethyl phthalate	0.562	0.0863	mg/kg dry	0.863	ND	65.1	20-120		5.84	30	
Dimethyl phthalate	0.559	0.0863	"	0.863	ND	64.8	18-131		8.96	30	
Di-n-butyl phthalate	0.571	0.0863	"	0.863	ND	66.2	10-137		6.88	30	
Di-n-octyl phthalate	0.581	0.0863	"	0.863	ND	67.4	10-180		8.96	30	
Diphenylamine	0.660	0.172	"	0.863	ND	76.5	40-140		7.94	30	
Fluoranthene	0.569	0.0863	"	0.863	0.517	6.04	10-160	Low Bias	9.81	30	
Fluorene	0.582	0.0863	"	0.863	ND	67.5	10-157		4.40	30	
Hexachlorobenzene	0.534	0.0863	"	0.863	ND	61.9	10-137		5.04	30	
Hexachlorobutadiene	0.650	0.0863	"	0.863	ND	75.4	10-132		5.17	30	
Hexachlorocyclopentadiene	0.126	0.0863	"	0.863	ND	14.6	10-106		3.35	30	
Hexachloroethane	0.526	0.0863	"	0.863	ND	61.0	10-110		4.11	30	
Indeno(1,2,3-cd)pyrene	0.602	0.0863	"	0.863	0.243	41.6	10-144		8.55	30	
Isophorone	0.495	0.0863	"	0.863	ND	57.4	10-132		7.00	30	
Naphthalene	0.568	0.0863	"	0.863	ND	65.8	10-141		6.69	30	
Nitrobenzene	0.471	0.0863	"	0.863	ND	54.6	10-131		8.28	30	
N-Nitrosodimethylamine	0.400	0.0863	"	0.863	ND	46.4	10-126		3.39	30	
N-nitroso-di-n-propylamine	0.436	0.0863	"	0.863	ND	50.6	10-125		4.49	30	
N-Nitrosodiphenylamine	0.645	0.0863	"	0.863	ND	74.8	10-177		7.22	30	
Pentachlorophenol	0.507	0.0863	"	0.863	ND	58.8	10-153		0.820	30	
Phenanthrene	0.565	0.0863	"	0.863	0.268	34.5	10-148		7.07	30	
Phenol	0.458	0.0863	"	0.863	ND	53.0	10-126		10.2	30	
Pyrene	0.638	0.0863	"	0.863	0.622	1.92	10-165	Low Bias	7.39	30	
Pyridine	0.349	0.346	"	0.863	ND	40.5	10-83		10.1	30	
Surrogate: SURR: 2-Fluorophenol	*0.912*		"	*1.73*		*52.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.825*		"	*1.73*		*47.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.445*		"	*0.863*		*51.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.522*		"	*0.863*		*60.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.73*		*78.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.596*		"	*0.863*		*69.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50684 - EPA 3510C											
Blank (BK50684-BLK2) Blank									Prepared & Analyzed: 11/12/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BK50684-BS2) LCS									Prepared & Analyzed: 11/12/2025		
Acenaphthene	0.681	0.0500	ug/L	1.00		68.1	25-116				
Acenaphthylene	0.730	0.0500	"	1.00		73.0	26-116				
Anthracene	0.720	0.0500	"	1.00		72.0	25-123				
Benzo(a)anthracene	0.777	0.0500	"	1.00		77.7	33-125				
Benzo(a)pyrene	0.744	0.0500	"	1.00		74.4	32-132				
Benzo(b)fluoranthene	0.948	0.0500	"	1.00		94.8	22-137				
Benzo(g,h,i)perylene	0.842	0.0500	"	1.00		84.2	10-138				
Benzo(k)fluoranthene	0.904	0.0500	"	1.00		90.4	20-137				
Bis(2-ethylhexyl)phthalate	0.904	0.500	"	1.00		90.4	10-189				
Chrysene	0.834	0.0500	"	1.00		83.4	32-124				
Dibenzo(a,h)anthracene	0.701	0.0500	"	1.00		70.1	16-133				
Fluoranthene	0.780	0.0500	"	1.00		78.0	32-121				
Fluorene	0.724	0.0500	"	1.00		72.4	28-118				
Hexachlorobenzene	0.864	0.0200	"	1.00		86.4	23-124				
Hexachlorobutadiene	0.667	0.500	"	1.00		66.7	15-123				
Hexachloroethane	2.33	0.500	"	1.00		233	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.694	0.0500	"	1.00		69.4	15-135				
Naphthalene	0.646	0.0500	"	1.00		64.6	18-120				
Nitrobenzene	0.347	0.250	"	1.00		34.7	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.703	0.250	"	1.00		70.3	10-156				
Phenanthrene	0.748	0.0500	"	1.00		74.8	24-127				
Pyrene	0.792	0.0500	"	1.00		79.2	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

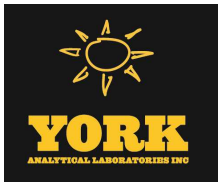
York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50708 - EPA 3535A												
Blank (BK50708-BLK1)	Blank									Prepared: 11/12/2025 Analyzed: 11/13/2025		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.32*		"	*4.00*		*108*	*36.6-118*				
LCS (BK50708-BS1)	LCS									Prepared: 11/12/2025 Analyzed: 11/13/2025		
1,4-Dioxane		3.17	0.300	ug/L	4.00		79.2	50-130				
Surrogate: 1,4-Dioxane-d8		*3.84*		"	*4.00*		*96.0*	*36.6-118*				
Batch BK50819 - EPA 3550C												
Blank (BK50819-BLK1)	Blank									Prepared: 11/13/2025 Analyzed: 11/14/2025		
1,4-Dioxane		ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8		*610*		"	*500*		*122*	*39-127.5*				
LCS (BK50819-BS1)	LCS									Prepared: 11/13/2025 Analyzed: 11/14/2025		
1,4-Dioxane		393	20.0	ug/kg	500		78.6	40-130				
Surrogate: 1,4-Dioxane-d8		*560*		"	*500*		*112*	*39-127.5*				
Batch BK51005 - EPA 3550C												
Blank (BK51005-BLK1)	Blank									Prepared: 11/17/2025 Analyzed: 11/18/2025		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*465*		"	*495*		*94.0*	*39-127.5*				
LCS (BK51005-BS1)	LCS									Prepared: 11/17/2025 Analyzed: 11/18/2025		
1,4-Dioxane		495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8		*406*		"	*495*		*82.0*	*39-127.5*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

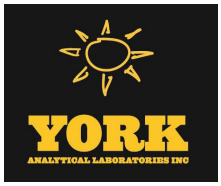
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51005 - EPA 3550C											
Matrix Spike (BK51005-MS1) Matrix Spike *Source sample: 25K0595-02 (SB-13_12-14) Prepared: 11/17/2025 Analyzed: 11/18/2025											
1,4-Dioxane	461	19.8	ug/kg	495	ND	93.2	40-130				
Surrogate: 1,4-Dioxane-d8	*436*		"	*495*		*88.0*	*40-130*				
Matrix Spike Dup (BK51005- Matrix Spike Dup *Source sample: 25K0595-02 (SB-13_12-14) Prepared: 11/17/2025 Analyzed: 11/18/2025											
1,4-Dioxane	431	19.8	ug/kg	495	ND	87.0	40-130		6.88	30	
Surrogate: 1,4-Dioxane-d8	*455*		"	*495*		*92.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50681 - EPA 1633 Prep											
Blank (BK50681-BLK1) Blank									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*3.03*		"	*2.33*		*130*	*40-135*				
Surrogate: M5PFHxA	*3.07*		"	*2.50*		*123*	*40-130*				
Surrogate: M4PFHpA	*2.54*		"	*2.50*		*101*	*40-130*				
Surrogate: M3PFHxS	*2.26*		"	*2.37*		*95.2*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.78*		"	*2.50*		*111*	*40-130*				
Surrogate: M6PFDA	*0.957*		"	*1.25*		*76.6*	*40-130*				
Surrogate: M7PFUdA	*0.903*		"	*1.25*		*72.3*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.862*		"	*1.25*		*68.9*	*40-130*				
Surrogate: M2PFTeDA	*0.798*		"	*1.25*		*63.8*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50681 - EPA 1633 Prep											
Blank (BK50681-BLK1) Blank									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.2*		*ug/kg wet*	*10.0*		*132*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.54*		*"*	*2.40*		*64.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.50*		*"*	*5.00*		*130*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.15*		*"*	*2.50*		*86.0*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.87*		*"*	*5.00*		*97.5*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.15*		*"*	*5.00*		*82.9*	*40-150*				
Surrogate: M2-6:2 FTS	*8.02*		*"*	*4.76*		*169*	*40-215*				
Surrogate: M2-8:2 FTS	*6.69*		*"*	*4.80*		*139*	*40-275*				
Surrogate: M9PFNA	*1.06*		*"*	*1.25*		*85.0*	*40-130*				
Surrogate: M2-4:2 FTS	*13.1*		*"*	*4.69*		*279*	*40-165*				
Surrogate: d-N-MeFOSA	*1.28*		*"*	*2.50*		*51.2*	*10-130*				
Surrogate: d-N-EtFOSA	*1.15*		*"*	*2.50*		*46.0*	*10-130*				
Surrogate: M3HFPO-DA	*12.1*		*"*	*10.0*		*121*	*40-130*				
Surrogate: d9-N-EtFOSE	*12.4*		*"*	*25.0*		*49.5*	*15-130*				
Surrogate: d7-N-MeFOSE	*13.5*		*"*	*25.0*		*54.2*	*20-130*				
LCS (BK50681-BS1) LCS									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorobutanesulfonic acid (PFBS)	3.34	0.177	ug/kg wet	3.54		94.4	65-145				
Perfluorohexanoic acid (PFHxA)	3.78	0.200	"	4.00		94.4	65-140				
Perfluoroheptanoic acid (PFHpA)	3.90	0.200	"	4.00		97.6	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.73	0.183	"	3.66		102	60-150				
Perfluorooctanoic acid (PFOA)	3.69	0.200	"	4.00		92.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.67	0.186	"	3.72		98.6	65-160				
Perfluorononanoic acid (PFNA)	3.95	0.200	"	4.00		98.7	70-155				
Perfluorodecanoic acid (PFDA)	3.79	0.200	"	4.00		94.6	70-155				
Perfluoroundecanoic acid (PFUnA)	3.83	0.200	"	4.00		95.7	70-155				
Perfluorododecanoic acid (PFDoA)	3.81	0.200	"	4.00		95.2	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.61	0.200	"	4.00		90.3	65-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.200	"	4.00		96.8	65-150				
N-MeFOSAA	4.41	0.200	"	4.00		110	65-155				
N-EtFOSAA	4.07	0.500	"	4.00		102	65-165				
Perfluoropentanoic acid (PFPeA)	7.65	0.400	"	8.00		95.6	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.80	0.200	"	4.00		94.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.70	0.200	"	3.82		97.0	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.46	0.193	"	3.86		89.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.9	0.760	"	15.2		91.5	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.3	0.768	"	15.4		99.5	70-150				
Perfluoro-n-butanoic acid (PFBA)	15.2	0.800	"	16.0		94.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.79	0.356	"	7.12		95.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.41	0.400	"	8.00		92.6	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.82	0.400	"	8.00		97.8	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.09	0.400	"	8.00		101	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	0.188	"	3.76		99.2	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.750	"	15.0		90.9	60-150				
HFPO-DA (Gen-X)	7.19	0.800	"	8.00		89.9	70-145				
11CL-PF3OUdS	6.48	0.756	"	7.56		85.8	45-160				
9CL-PF3ONS	6.43	0.748	"	7.48		85.9	70-150				
ADONA	8.06	0.756	"	7.56		107	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

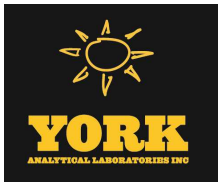
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50681 - EPA 1633 Prep											
LCS (BK50681-BS1) LCS									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.28	0.194	ug/kg wet	3.88		84.4	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.79	0.192	"	3.84		98.7	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.6	1.00	"	16.0		104	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	83.9	5.00	"	80.0		105	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	82.4	5.00	"	80.0		103	60-150				
N-MeFOSE	36.8	2.00	"	40.0		91.9	70-140				
N-MeFOSA	4.08	0.200	"	4.00		102	70-155				
N-EtFOSE	40.5	2.00	"	40.0		101	70-135				
N-EtFOSA	3.83	0.200	"	4.00		95.8	70-140				
Surrogate: M3PFBS	*2.58*		"	*2.33*		*111*	*40-135*				
Surrogate: M5PFHxA	*2.72*		"	*2.50*		*109*	*40-130*				
Surrogate: M4PFHpA	*2.54*		"	*2.50*		*102*	*40-130*				
Surrogate: M3PFHxS	*2.43*		"	*2.37*		*102*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.74*		"	*2.50*		*110*	*40-130*				
Surrogate: M6PFDA	*1.29*		"	*1.25*		*103*	*40-130*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.0*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.16*		"	*1.25*		*92.7*	*40-130*				
Surrogate: M2PFTeDA	*1.12*		"	*1.25*		*89.3*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		"	*10.0*		*109*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.17*		"	*2.40*		*90.6*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		"	*5.00*		*108*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.85*		"	*2.50*		*114*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.02*		"	*5.00*		*100*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.65*		"	*5.00*		*93.0*	*40-150*				
Surrogate: M2-6:2 FTS	*6.33*		"	*4.76*		*133*	*40-215*				
Surrogate: M2-8:2 FTS	*6.08*		"	*4.80*		*127*	*40-275*				
Surrogate: M9PFNA	*1.26*		"	*1.25*		*101*	*40-130*				
Surrogate: M2-4:2 FTS	*6.93*		"	*4.69*		*148*	*40-165*				
Surrogate: d-N-MeFOSA	*2.09*		"	*2.50*		*83.5*	*10-130*				
Surrogate: d-N-EtFOSA	*2.08*		"	*2.50*		*83.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.4*		"	*10.0*		*104*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.8*		"	*25.0*		*87.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*26.0*		"	*25.0*		*104*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50681 - EPA 1633 Prep											
LCS (BK50681-BS2) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Perfluorobutanesulfonic acid (PFBS)	0.283	0.177	ug/kg wet	0.354		79.9	65-145				
Perfluorohexanoic acid (PFHxA)	0.316	0.200	"	0.400		78.9	65-140				
Perfluoroheptanoic acid (PFHpA)	0.361	0.200	"	0.400		90.1	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.275	0.183	"	0.366		75.1	60-150				
Perfluorooctanoic acid (PFOA)	0.272	0.200	"	0.400		68.1	70-150	Low Bias			
Perfluorooctanesulfonic acid (PFOS)	0.386	0.186	"	0.372		104	65-160				
Perfluorononanoic acid (PFNA)	0.286	0.200	"	0.400		71.4	70-155				
Perfluorodecanoic acid (PFDA)	0.282	0.200	"	0.400		70.6	70-155				
Perfluoroundecanoic acid (PFUnA)	0.315	0.200	"	0.400		78.9	70-155				
Perfluorododecanoic acid (PFDoA)	0.301	0.200	"	0.400		75.2	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.318	0.200	"	0.400		79.6	65-150				
Perfluorotetradecanoic acid (PFTA)	0.318	0.200	"	0.400		79.5	65-150				
N-MeFOSAA	0.352	0.200	"	0.400		88.0	65-155				
N-EtFOSAA	0.402	0.500	"	0.400		101	65-165				
Perfluoropentanoic acid (PFPeA)	0.649	0.400	"	0.800		81.2	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.340	0.200	"	0.400		85.1	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.346	0.200	"	0.382		90.5	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.311	0.193	"	0.386		80.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.19	0.760	"	1.52		78.2	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.13	0.768	"	1.54		73.4	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.30	0.800	"	1.60		81.0	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.591	0.356	"	0.712		83.1	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.660	0.400	"	0.800		82.5	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.743	0.400	"	0.800		92.8	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.747	0.400	"	0.800		93.4	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.304	0.188	"	0.376		81.0	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.16	0.750	"	1.50		77.3	60-150				
HFPO-DA (Gen-X)	0.868	0.800	"	0.800		109	70-145				
11CL-PF3OUdS	0.253	0.756	"	0.756		33.5	45-160	Low Bias			
9CL-PF3ONS	0.251	0.748	"	0.748		33.6	70-150	Low Bias			
ADONA	0.511	0.756	"	0.756		67.5	70-160	Low Bias			
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.194	"	0.388		62.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.202	0.192	"	0.384		52.5	55-140	Low Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.71	1.00	"	1.60		107	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.59	5.00	"	8.00		107	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	6.96	5.00	"	8.00		86.9	60-150				
N-MeFOSE	3.31	2.00	"	4.00		82.7	70-140				
N-MeFOSA	0.383	0.200	"	0.400		95.8	70-155				
N-EtFOSE	3.67	2.00	"	4.00		91.7	70-135				
N-EtFOSA	0.484	0.200	"	0.400		121	70-140				
Surrogate: M3PFBS	*2.62*		"	*2.33*		*112*	*40-135*				
Surrogate: M5PFHxA	*2.65*		"	*2.50*		*106*	*40-130*				
Surrogate: M4PFHpA	*2.40*		"	*2.50*		*96.0*	*40-130*				
Surrogate: M3PFHxS	*2.30*		"	*2.37*		*97.1*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.41*		"	*2.50*		*96.2*	*40-130*				
Surrogate: M6PFDA	*1.05*		"	*1.25*		*84.4*	*40-130*				
Surrogate: M7PFUdA	*0.910*		"	*1.25*		*72.8*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.894*		"	*1.25*		*71.5*	*40-130*				
Surrogate: M2PFTeDA	*0.814*		"	*1.25*		*65.2*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50681 - EPA 1633 Prep

LCS (BK50681-BS2) LCS — Prepared: 11/12/2025 Analyzed: 11/15/2025

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.80*		*"*	*2.40*		*75.2*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.47*		*"*	*5.00*		*109*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.32*		*"*	*2.50*		*92.9*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.17*		*"*	*5.00*		*83.4*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.63*		*"*	*5.00*		*72.7*	*40-150*				
Surrogate: M2-6:2 FTS	*6.58*		*"*	*4.76*		*138*	*40-215*				
Surrogate: M2-8:2 FTS	*5.56*		*"*	*4.80*		*116*	*40-275*				
Surrogate: M9PFNA	*1.14*		*"*	*1.25*		*91.1*	*40-130*				
Surrogate: M2-4:2 FTS	*8.16*		*"*	*4.69*		*174*	*40-165*				
Surrogate: d-N-MeFOSA	*1.54*		*"*	*2.50*		*61.8*	*10-130*				
Surrogate: d-N-EtFOSA	*1.44*		*"*	*2.50*		*57.4*	*10-130*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*10.0*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.1*		*"*	*25.0*		*68.5*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.7*		*"*	*25.0*		*83.0*	*20-130*				

Batch BK50711 - EPA 1633 Prep

Blank (BK50711-BLK1) Blank — Prepared: 11/12/2025 Analyzed: 11/15/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

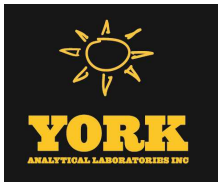
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
Blank (BK50711-BLK1) Blank									Prepared: 11/12/2025 Analyzed: 11/15/2025		
9CL-PF3ONS	ND	0.748	ug/kg wet								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.77*		"	*2.33*		*119*	*40-135*				
Surrogate: M5PFHxA	*2.78*		"	*2.50*		*111*	*40-130*				
Surrogate: M4PFHpA	*2.45*		"	*2.50*		*97.9*	*40-130*				
Surrogate: M3PFHxS	*2.27*		"	*2.37*		*95.8*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.44*		"	*2.50*		*97.6*	*40-130*				
Surrogate: M6PFDA	*0.997*		"	*1.25*		*79.7*	*40-130*				
Surrogate: M7PFUdA	*0.865*		"	*1.25*		*69.2*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.863*		"	*1.25*		*69.0*	*40-130*				
Surrogate: M2PFTeDA	*0.747*		"	*1.25*		*59.7*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.8*		"	*10.0*		*118*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.63*		"	*2.40*		*68.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.79*		"	*5.00*		*116*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.13*		"	*2.50*		*85.1*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.88*		"	*5.00*		*77.6*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.36*		"	*5.00*		*67.1*	*40-150*				
Surrogate: M2-6:2 FTS	*6.16*		"	*4.76*		*130*	*40-215*				
Surrogate: M2-8:2 FTS	*5.29*		"	*4.80*		*110*	*40-275*				
Surrogate: M9PFNA	*1.03*		"	*1.25*		*82.2*	*40-130*				
Surrogate: M2-4:2 FTS	*8.72*		"	*4.69*		*186*	*40-165*				
Surrogate: d-N-MeFOSA	*1.59*		"	*2.50*		*63.4*	*10-130*				
Surrogate: d-N-EtFOSA	*1.57*		"	*2.50*		*62.8*	*10-130*				
Surrogate: M3HFPO-DA	*11.6*		"	*10.0*		*116*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.1*		"	*25.0*		*68.4*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.9*		"	*25.0*		*75.5*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
LCS (BK50711-BS1) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Perfluorobutanesulfonic acid (PFBS)	3.24	0.177	ug/kg wet	3.54		91.4	65-145				
Perfluorohexanoic acid (PFHxA)	3.69	0.200	"	4.00		92.4	65-140				
Perfluoroheptanoic acid (PFHpA)	3.92	0.200	"	4.00		98.0	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.36	0.183	"	3.66		91.8	60-150				
Perfluorooctanoic acid (PFOA)	3.58	0.200	"	4.00		89.6	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.41	0.186	"	3.72		91.6	65-160				
Perfluorononanoic acid (PFNA)	4.03	0.200	"	4.00		101	70-155				
Perfluorodecanoic acid (PFDA)	3.75	0.200	"	4.00		93.7	70-155				
Perfluoroundecanoic acid (PFUnA)	3.76	0.200	"	4.00		93.9	70-155				
Perfluorododecanoic acid (PFDoA)	3.68	0.200	"	4.00		92.0	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.84	0.200	"	4.00		96.0	65-150				
Perfluorotetradecanoic acid (PFTA)	4.04	0.200	"	4.00		101	65-150				
N-MeFOSAA	4.23	0.200	"	4.00		106	65-155				
N-EtFOSAA	3.79	0.500	"	4.00		94.9	65-165				
Perfluoropentanoic acid (PFPeA)	7.32	0.400	"	8.00		91.5	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.71	0.200	"	4.00		92.8	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.00	0.200	"	3.82		105	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.18	0.193	"	3.86		82.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.4	0.760	"	15.2		88.1	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.0	0.768	"	15.4		97.7	70-150				
Perfluoro-n-butanoic acid (PFBA)	14.6	0.800	"	16.0		91.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.53	0.356	"	7.12		91.7	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.52	0.400	"	8.00		94.0	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.71	0.400	"	8.00		96.4	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.79	0.400	"	8.00		97.4	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.65	0.188	"	3.76		97.2	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.3	0.750	"	15.0		88.6	60-150				
HFPO-DA (Gen-X)	7.53	0.800	"	8.00		94.1	70-145				
11CL-PF3OUdS	4.86	0.756	"	7.56		64.3	45-160				
9CL-PF3ONS	4.97	0.748	"	7.48		66.5	70-150	Low Bias			
ADONA	7.23	0.756	"	7.56		95.7	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.05	0.194	"	3.88		78.7	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.35	0.192	"	3.84		87.1	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.3	1.00	"	16.0		102	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	79.0	5.00	"	80.0		98.8	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	71.0	5.00	"	80.0		88.8	60-150				
N-MeFOSE	38.1	2.00	"	40.0		95.3	70-140				
N-MeFOSA	3.68	0.200	"	4.00		91.9	70-155				
N-EtFOSE	37.9	2.00	"	40.0		94.8	70-135				
N-EtFOSA	3.53	0.200	"	4.00		88.2	70-140				
Surrogate: M3PFBS	*2.60*		"	*2.33*		*112*	*40-135*				
Surrogate: M5PFHxA	*2.78*		"	*2.50*		*111*	*40-130*				
Surrogate: M4PFHpA	*2.52*		"	*2.50*		*101*	*40-130*				
Surrogate: M3PFHxS	*2.42*		"	*2.37*		*102*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.50*		*100*	*40-130*				
Surrogate: M6PFDA	*1.23*		"	*1.25*		*98.4*	*40-130*				
Surrogate: M7PFUdA	*1.09*		"	*1.25*		*87.1*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.03*		"	*1.25*		*82.5*	*40-130*				
Surrogate: M2PFTeDA	*0.915*		"	*1.25*		*73.2*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
LCS (BK50711-BS1) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.3*		*ug/kg wet*	*10.0*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.40*		*86.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		*"*	*5.00*		*112*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.41*		*"*	*2.50*		*96.6*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.47*		*"*	*5.00*		*89.4*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.16*		*"*	*5.00*		*83.1*	*40-150*				
Surrogate: M2-6:2 FTS	*6.03*		*"*	*4.76*		*127*	*40-215*				
Surrogate: M2-8:2 FTS	*5.09*		*"*	*4.80*		*106*	*40-275*				
Surrogate: M9PFNA	*1.14*		*"*	*1.25*		*90.9*	*40-130*				
Surrogate: M2-4:2 FTS	*6.91*		*"*	*4.69*		*147*	*40-165*				
Surrogate: d-N-MeFOSA	*1.93*		*"*	*2.50*		*77.2*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		*"*	*2.50*		*72.6*	*10-130*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*10.0*		*112*	*40-130*				
Surrogate: d9-N-EtFOSE	*19.2*		*"*	*25.0*		*76.6*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.0*		*"*	*25.0*		*83.9*	*20-130*				
LCS (BK50711-BS2) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Perfluorobutanesulfonic acid (PFBS)	0.307	0.177	ug/kg wet	0.354		86.9	65-145				
Perfluorohexanoic acid (PFHxA)	0.301	0.200	"	0.400		75.2	65-140				
Perfluoroheptanoic acid (PFHpA)	0.344	0.200	"	0.400		86.0	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.308	0.183	"	0.366		84.1	60-150				
Perfluorooctanoic acid (PFOA)	0.271	0.200	"	0.400		67.6	70-150	Low Bias			
Perfluorooctanesulfonic acid (PFOS)	0.345	0.186	"	0.372		92.8	65-160				
Perfluorononanoic acid (PFNA)	0.271	0.200	"	0.400		67.7	70-155	Low Bias			
Perfluorodecanoic acid (PFDA)	0.280	0.200	"	0.400		70.0	70-155				
Perfluoroundecanoic acid (PFUnA)	0.327	0.200	"	0.400		81.6	70-155				
Perfluorododecanoic acid (PFDoA)	0.266	0.200	"	0.400		66.4	70-150	Low Bias			
Perfluorotridecanoic acid (PFTrDA)	0.283	0.200	"	0.400		70.7	65-150				
Perfluorotetradecanoic acid (PFTA)	0.257	0.200	"	0.400		64.3	65-150	Low Bias			
N-MeFOSAA	0.370	0.200	"	0.400		92.6	65-155				
N-EtFOSAA	0.321	0.500	"	0.400		80.3	65-165				
Perfluoropentanoic acid (PFPeA)	0.618	0.400	"	0.800		77.2	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.303	0.200	"	0.400		75.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.301	0.200	"	0.382		78.7	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.253	0.193	"	0.386		65.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.11	0.760	"	1.52		73.3	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	0.981	0.768	"	1.54		63.9	70-150	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	1.29	0.800	"	1.60		80.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.568	0.356	"	0.712		79.8	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.661	0.400	"	0.800		82.7	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.698	0.400	"	0.800		87.3	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.734	0.400	"	0.800		91.8	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.266	0.188	"	0.376		70.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.20	0.750	"	1.50		80.1	60-150				
HFPO-DA (Gen-X)	0.641	0.800	"	0.800		80.1	70-145				
11CL-PF3OUdS	0.394	0.756	"	0.756		52.2	45-160				
9CL-PF3ONS	0.386	0.748	"	0.748		51.7	70-150	Low Bias			
ADONA	0.565	0.756	"	0.756		74.7	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
LCS (BK50711-BS2) LCS									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorododecanesulfonic acid (PFDoS)	0.330	0.194	ug/kg wet	0.388		85.1	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.244	0.192	"	0.384		63.6	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.69	1.00	"	1.60		106	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.58	5.00	"	8.00		107	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	9.61	5.00	"	8.00		120	60-150				
N-MeFOSE	3.40	2.00	"	4.00		85.0	70-140				
N-MeFOSA	0.363	0.200	"	0.400		90.9	70-155				
N-EtFOSE	3.54	2.00	"	4.00		88.5	70-135				
N-EtFOSA	0.358	0.200	"	0.400		89.5	70-140				
Surrogate: M3PFBS	*2.87*		"	*2.33*		*123*	*40-135*				
Surrogate: M5PFHxA	*3.14*		"	*2.50*		*125*	*40-130*				
Surrogate: M4PFHpA	*2.92*		"	*2.50*		*117*	*40-130*				
Surrogate: M3PFHxS	*2.90*		"	*2.37*		*122*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.95*		"	*2.50*		*118*	*40-130*				
Surrogate: M6PFDA	*1.56*		"	*1.25*		*124*	*40-130*				
Surrogate: M7PFUdA	*1.34*		"	*1.25*		*107*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.39*		"	*1.25*		*111*	*40-130*				
Surrogate: M2PFTeDA	*1.34*		"	*1.25*		*107*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.6*		"	*10.0*		*126*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.55*		"	*2.40*		*106*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.51*		"	*5.00*		*130*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.08*		"	*2.50*		*123*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.73*		"	*5.00*		*115*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.25*		"	*5.00*		*105*	*40-150*				
Surrogate: M2-6:2 FTS	*9.13*		"	*4.76*		*192*	*40-215*				
Surrogate: M2-8:2 FTS	*9.16*		"	*4.80*		*191*	*40-275*				
Surrogate: M9PFNA	*1.46*		"	*1.25*		*116*	*40-130*				
Surrogate: M2-4:2 FTS	*10.5*		"	*4.69*		*225*	*40-165*				
Surrogate: d-N-MeFOSA	*2.19*		"	*2.50*		*87.6*	*10-130*				
Surrogate: d-N-EtFOSA	*2.21*		"	*2.50*		*88.4*	*10-130*				
Surrogate: M3HFPO-DA	*12.2*		"	*10.0*		*122*	*40-130*				
Surrogate: d9-N-EtFOSE	*23.2*		"	*25.0*		*92.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*24.9*		"	*25.0*		*99.5*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
Matrix Spike (BK50711-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)									Prepared: 11/12/2025 Analyzed: 11/15/2025	
Perfluorobutanesulfonic acid (PFBS)	3.57	0.184	ug/kg dry	3.68	ND	97.1	65-145				
Perfluorohexanoic acid (PFHxA)	4.05	0.208	"	4.15	ND	97.6	65-140				
Perfluoroheptanoic acid (PFHpA)	4.06	0.208	"	4.15	ND	97.8	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.65	0.190	"	3.80	ND	96.0	60-150				
Perfluorooctanoic acid (PFOA)	4.02	0.208	"	4.15	ND	96.7	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.73	0.193	"	3.86	0.0819	94.4	65-160				
Perfluorononanoic acid (PFNA)	3.93	0.208	"	4.15	ND	94.7	70-155				
Perfluorodecanoic acid (PFDA)	3.98	0.208	"	4.15	ND	95.9	70-155				
Perfluoroundecanoic acid (PFUnA)	4.45	0.208	"	4.15	ND	107	70-155				
Perfluorododecanoic acid (PFDoA)	4.19	0.208	"	4.15	ND	101	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.05	0.208	"	4.15	ND	97.4	65-150				
Perfluorotetradecanoic acid (PFTA)	4.19	0.208	"	4.15	ND	101	65-150				
N-MeFOSAA	4.52	0.208	"	4.15	ND	109	65-155				
N-EtFOSAA	3.80	0.519	"	4.15	ND	91.5	65-165				
Perfluoropentanoic acid (PFPeA)	8.13	0.415	"	8.31	ND	97.9	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.21	0.208	"	4.15	ND	101	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.90	0.208	"	3.97	ND	98.2	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.45	0.200	"	4.01	ND	86.2	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.9	0.789	"	15.8	ND	94.5	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.8	0.798	"	16.0	ND	99.3	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.5	0.831	"	16.6	ND	99.5	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.20	0.370	"	7.39	ND	97.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.60	0.415	"	8.31	ND	91.5	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.01	0.415	"	8.31	ND	96.5	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.61	0.415	"	8.31	ND	104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.92	0.195	"	3.90	ND	100	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.779	"	15.6	ND	97.5	60-150				
HFPO-DA (Gen-X)	7.85	0.831	"	8.31	ND	94.5	70-145				
11CL-PF3OUdS	6.72	0.785	"	7.85	ND	85.6	45-160				
9CL-PF3ONS	7.07	0.777	"	7.77	ND	91.0	70-150				
ADONA	8.68	0.785	"	7.85	ND	111	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.10	0.201	"	4.03	ND	76.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.81	0.199	"	3.99	ND	95.4	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	17.3	1.04	"	16.6	ND	104	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	91.2	5.19	"	83.1	ND	110	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	87.2	5.19	"	83.1	ND	105	60-150				
N-MeFOSE	41.3	2.08	"	41.5	ND	99.4	70-140				
N-MeFOSA	4.49	0.208	"	4.15	ND	108	70-155				
N-EtFOSE	42.8	2.08	"	41.5	ND	103	70-135				
N-EtFOSA	4.03	0.208	"	4.15	ND	97.1	70-140				
Surrogate: M3PFBS	*2.74*		"	*2.42*		*113*	*40-135*				
Surrogate: M5PFHxA	*2.87*		"	*2.60*		*111*	*40-130*				
Surrogate: M4PFHpA	*2.84*		"	*2.60*		*109*	*40-130*				
Surrogate: M3PFHxS	*2.69*		"	*2.46*		*109*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.76*		"	*2.60*		*106*	*40-130*				
Surrogate: M6PFDA	*1.35*		"	*1.30*		*104*	*40-130*				
Surrogate: M7PFUdA	*1.12*		"	*1.30*		*86.0*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.30*		*82.9*	*40-130*				
Surrogate: M2PFTeDA	*1.04*		"	*1.30*		*80.4*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
Matrix Spike (BK50711-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/12/2025 Analyzed: 11/15/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg dry*	*10.4*		*109*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.49*		*96.5*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.78*		*"*	*5.19*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		*"*	*2.60*		*101*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.11*		*"*	*5.19*		*98.3*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.83*		*"*	*5.19*		*92.9*	*40-150*				
Surrogate: M2-6:2 FTS	*6.53*		*"*	*4.94*		*132*	*40-215*				
Surrogate: M2-8:2 FTS	*6.47*		*"*	*4.99*		*130*	*40-275*				
Surrogate: M9PFNA	*1.42*		*"*	*1.30*		*109*	*40-130*				
Surrogate: M2-4:2 FTS	*7.04*		*"*	*4.87*		*145*	*40-165*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*2.60*		*69.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.97*		*"*	*2.60*		*75.7*	*10-130*				
Surrogate: M3HFPO-DA	*10.6*		*"*	*10.4*		*103*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*26.0*		*72.6*	*15-130*				
Surrogate: d7-N-MeFOSE	*22.8*		*"*	*26.0*		*88.0*	*20-130*				
Matrix Spike Dup (BK50711- Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorobutanesulfonic acid (PFBS)	3.59	0.184	ug/kg dry	3.68	ND	97.7	65-145		0.538	35	
Perfluorohexanoic acid (PFHxA)	3.99	0.208	"	4.15	ND	96.1	65-140		1.47	35	
Perfluoroheptanoic acid (PFHpA)	4.40	0.208	"	4.15	ND	106	65-145		7.92	35	
Perfluorohexanesulfonic acid (PFHxS)	3.96	0.190	"	3.80	ND	104	60-150		8.20	35	
Perfluorooctanoic acid (PFOA)	3.92	0.208	"	4.15	ND	94.4	70-150		2.41	35	
Perfluorooctanesulfonic acid (PFOS)	3.70	0.193	"	3.86	0.0819	93.7	65-160		0.720	35	
Perfluorononanoic acid (PFNA)	4.20	0.208	"	4.15	ND	101	70-155		6.44	35	
Perfluorodecanoic acid (PFDA)	4.13	0.208	"	4.15	ND	99.3	70-155		3.55	35	
Perfluoroundecanoic acid (PFUnA)	4.05	0.208	"	4.15	ND	97.5	70-155		9.32	35	
Perfluorododecanoic acid (PFDoA)	4.11	0.208	"	4.15	ND	98.9	70-150		2.01	35	
Perfluorotridecanoic acid (PFTrDA)	3.56	0.208	"	4.15	ND	85.7	65-150		12.8	35	
Perfluorotetradecanoic acid (PFTA)	3.98	0.208	"	4.15	ND	95.9	65-150		4.96	35	
N-MeFOSAA	4.54	0.208	"	4.15	ND	109	65-155		0.346	35	
N-EtFOSAA	4.22	0.519	"	4.15	ND	101	65-165		10.3	35	
Perfluoropentanoic acid (PFPeA)	7.99	0.415	"	8.31	ND	96.2	60-150		1.70	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.03	0.208	"	4.15	ND	97.0	70-140		4.43	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.01	0.208	"	3.97	ND	101	65-155		2.82	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.57	0.200	"	4.01	ND	89.0	40-155		3.21	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.7	0.789	"	15.8	ND	93.1	55-200		1.48	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.9	0.798	"	16.0	ND	99.7	70-150		0.383	35	
Perfluoro-n-butanoic acid (PFBA)	16.1	0.831	"	16.6	ND	96.9	70-140		2.64	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.21	0.370	"	7.39	ND	97.5	70-140		0.0972	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.65	0.415	"	8.31	ND	92.0	60-155		0.609	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.07	0.415	"	8.31	ND	97.2	30-140		0.731	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.37	0.415	"	8.31	ND	101	60-150		2.79	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.10	0.195	"	3.90	ND	105	55-160		4.46	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.6	0.779	"	15.6	ND	94.0	60-150		3.64	30	
HFPO-DA (Gen-X)	8.12	0.831	"	8.31	ND	97.7	70-145		3.41	30	
11CL-PF3OUdS	5.32	0.785	"	7.85	ND	67.8	45-160		23.2	30	
9CL-PF3ONS	5.32	0.777	"	7.77	ND	68.4	70-150	Low Bias	28.4	30	
ADONA	7.97	0.785	"	7.85	ND	102	70-160		8.58	30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

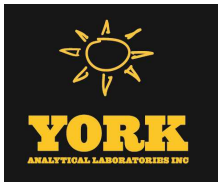
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50711 - EPA 1633 Prep											
Matrix Spike Dup (BK50711- Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/12/2025 Analyzed: 11/15/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.29	0.201	ug/kg dry	4.03	ND	81.5	25-160		5.79	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.32	0.199	"	3.99	ND	83.2	55-140		13.7	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	17.1	1.04	"	16.6	ND	103	45-130		0.864	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	84.1	5.19	"	83.1	ND	101	60-130		8.14	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	73.1	5.19	"	83.1	ND	87.9	60-150		17.7	30	
N-MeFOSE	39.4	2.08	"	41.5	ND	94.7	70-140		4.82	30	
N-MeFOSA	4.15	0.208	"	4.15	ND	99.9	70-155		7.83	30	
N-EtFOSE	44.1	2.08	"	41.5	ND	106	70-135		2.85	30	
N-EtFOSA	3.57	0.208	"	4.15	ND	85.9	70-140		12.3	30	
Surrogate: M3PFBS	*2.81*		"	*2.42*		*116*	*40-135*				
Surrogate: M5PFHxA	*2.87*		"	*2.60*		*110*	*40-130*				
Surrogate: M4PFHpA	*2.49*		"	*2.60*		*95.9*	*40-130*				
Surrogate: M3PFHxS	*2.47*		"	*2.46*		*100*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.66*		"	*2.60*		*103*	*40-130*				
Surrogate: M6PFDA	*1.17*		"	*1.30*		*89.8*	*40-130*				
Surrogate: M7PFUdA	*1.00*		"	*1.30*		*77.3*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.912*		"	*1.30*		*70.2*	*40-130*				
Surrogate: M2PFTeDA	*0.973*		"	*1.30*		*75.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.8*		"	*10.4*		*114*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.00*		"	*2.49*		*80.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.84*		"	*5.19*		*112*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.29*		"	*2.60*		*88.1*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.20*		"	*5.19*		*80.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.73*		"	*5.19*		*71.8*	*40-150*				
Surrogate: M2-6:2 FTS	*6.21*		"	*4.94*		*126*	*40-215*				
Surrogate: M2-8:2 FTS	*5.44*		"	*4.99*		*109*	*40-275*				
Surrogate: M9PFNA	*1.21*		"	*1.30*		*92.9*	*40-130*				
Surrogate: M2-4:2 FTS	*7.42*		"	*4.87*		*152*	*40-165*				
Surrogate: d-N-MeFOSA	*1.68*		"	*2.60*		*64.5*	*10-130*				
Surrogate: d-N-EtFOSA	*1.71*		"	*2.60*		*66.0*	*10-130*				
Surrogate: M3HFPO-DA	*11.1*		"	*10.4*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.1*		"	*26.0*		*65.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*19.9*		"	*26.0*		*76.8*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50714 - EPA 1633 Prep											
Blank (BK50714-BLK1) Blank											Prepared: 11/12/2025 Analyzed: 11/15/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	5.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*28.3*		"	*23.3*		*121*	*40-135*				
Surrogate: M5PFHxA	*30.3*		"	*25.0*		*121*	*40-130*				
Surrogate: M4PFHpA	*27.6*		"	*25.0*		*111*	*40-130*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*124*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.5*		"	*25.0*		*122*	*40-130*				
Surrogate: M6PFDA	*15.8*		"	*12.5*		*127*	*40-130*				
Surrogate: M7PFUdA	*14.3*		"	*12.5*		*114*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.9*		"	*12.5*		*111*	*10-130*				
Surrogate: M2PFTeDA	*11.2*		"	*12.5*		*89.8*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50714 - EPA 1633 Prep

Blank (BK50714-BLK1) Blank — Prepared: 11/12/2025 Analyzed: 11/15/2025

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*126*		*ng/L*	*100*		*126*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.2*		*"*	*24.0*		*122*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*61.7*		*"*	*50.0*		*123*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.6*		*"*	*25.0*		*126*	*40-130*				
Surrogate: d3-N-MeFOSAA	*59.0*		*"*	*50.0*		*118*	*40-170*				
Surrogate: d5-N-EtFOSAA	*55.4*		*"*	*50.0*		*111*	*25-135*				
Surrogate: M2-6:2 FTS	*80.8*		*"*	*47.6*		*170*	*40-200*				
Surrogate: M2-8:2 FTS	*85.9*		*"*	*48.0*		*179*	*40-300*				
Surrogate: M9PFNA	*14.4*		*"*	*12.5*		*115*	*40-130*				
Surrogate: M2-4:2 FTS	*90.6*		*"*	*46.9*		*193*	*40-200*				
Surrogate: d-N-MeFOSA	*25.1*		*"*	*25.0*		*100*	*10-130*				
Surrogate: d-N-EtFOSA	*21.9*		*"*	*25.0*		*87.7*	*10-130*				
Surrogate: M3HFPO-DA	*122*		*"*	*100*		*122*	*40-130*				
Surrogate: d9-N-EtFOSE	*186*		*"*	*250*		*74.5*	*10-130*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*250*		*82.1*	*10-130*				

LCS (BK50714-BS1) LCS — Prepared: 11/12/2025 Analyzed: 11/15/2025

Perfluorobutanesulfonic acid (PFBS)	38.3	1.77	ng/L	35.4		108	60-145				
Perfluorohexanoic acid (PFHxA)	43.6	2.00	"	40.0		109	70-145				
Perfluoroheptanoic acid (PFHpA)	44.4	2.00	"	40.0		111	70-150				
Perfluorohexanesulfonic acid (PFHxS)	39.7	1.83	"	36.6		109	65-145				
Perfluorooctanoic acid (PFOA)	42.4	2.00	"	40.0		106	70-150				
Perfluorooctanesulfonic acid (PFOS)	37.6	1.86	"	37.2		101	55-150				
Perfluorononanoic acid (PFNA)	45.3	2.00	"	40.0		113	70-150				
Perfluorodecanoic acid (PFDA)	46.3	2.00	"	40.0		116	70-140				
Perfluoroundecanoic acid (PFUnA)	46.9	2.00	"	40.0		117	70-145				
Perfluorododecanoic acid (PFDoA)	46.2	2.00	"	40.0		116	70-140				
Perfluorotridecanoic acid (PFTrDA)	47.0	2.00	"	40.0		118	65-140				
Perfluorotetradecanoic acid (PFTA)	45.7	2.00	"	40.0		114	60-140				
N-MeFOSAA	50.4	2.00	"	40.0		126	50-140				
N-EtFOSAA	48.8	5.00	"	40.0		122	70-145				
Perfluoropentanoic acid (PFPeA)	86.2	4.00	"	80.0		108	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	44.2	2.00	"	40.0		110	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.9	1.91	"	38.2		96.6	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	39.5	1.93	"	38.6		102	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	161	7.60	"	152		106	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	171	7.68	"	154		112	60-150				
Perfluoro-n-butanoic acid (PFBA)	170	8.00	"	160		106	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	78.1	3.56	"	71.2		110	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	74.9	4.00	"	80.0		93.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	87.3	4.00	"	80.0		109	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	89.5	4.00	"	80.0		112	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	41.5	1.88	"	37.6		110	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	159	7.50	"	150		106	70-145				
HFPO-DA (Gen-X)	81.2	8.00	"	80.0		102	70-140				
11CL-PF3OUdS	86.7	7.56	"	75.6		115	55-160				
9CL-PF3ONS	82.4	7.48	"	74.8		110	70-155				
ADONA	88.6	7.56	"	75.6		117	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50714 - EPA 1633 Prep											
LCS (BK50714-BS1) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Perfluorododecanesulfonic acid (PFDoS)	33.4	1.94	ng/L	38.8		86.0	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	37.7	1.92	"	38.4		98.1	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	217	10.0	"	160		136	65-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	953	50.0	"	800		119	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	948	50.0	"	800		118	50-145				
N-MeFOSE	452	20.0	"	400		113	70-145				
N-MeFOSA	46.1	2.00	"	40.0		115	60-150				
N-EtFOSE	492	20.0	"	400		123	70-135				
N-EtFOSA	44.8	2.00	"	40.0		112	65-145				
Surrogate: M3PFBS	*28.8*		"	*23.3*		*124*	*40-135*				
Surrogate: M5PFHxA	*29.4*		"	*25.0*		*118*	*40-130*				
Surrogate: M4PFHpA	*28.5*		"	*25.0*		*114*	*40-130*				
Surrogate: M3PFHxS	*29.4*		"	*23.7*		*124*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		"	*25.0*		*122*	*40-130*				
Surrogate: M6PFDA	*14.2*		"	*12.5*		*114*	*40-130*				
Surrogate: M7PFUdA	*13.2*		"	*12.5*		*106*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.3*		"	*12.5*		*106*	*10-130*				
Surrogate: M2PFTeDA	*10.8*		"	*12.5*		*86.3*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*121*		"	*100*		*121*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.0*		"	*24.0*		*125*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*60.5*		"	*50.0*		*121*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.6*		"	*25.0*		*118*	*40-130*				
Surrogate: d3-N-MeFOSAA	*59.4*		"	*50.0*		*119*	*40-170*				
Surrogate: d5-N-EtFOSAA	*52.3*		"	*50.0*		*105*	*25-135*				
Surrogate: M2-6:2 FTS	*69.8*		"	*47.6*		*147*	*40-200*				
Surrogate: M2-8:2 FTS	*71.9*		"	*48.0*		*150*	*40-300*				
Surrogate: M9PFNA	*14.8*		"	*12.5*		*118*	*40-130*				
Surrogate: M2-4:2 FTS	*74.3*		"	*46.9*		*158*	*40-200*				
Surrogate: d-N-MeFOSA	*23.4*		"	*25.0*		*93.7*	*10-130*				
Surrogate: d-N-EtFOSA	*23.0*		"	*25.0*		*92.2*	*10-130*				
Surrogate: M3HFPO-DA	*116*		"	*100*		*116*	*40-130*				
Surrogate: d9-N-EtFOSE	*208*		"	*250*		*83.1*	*10-130*				
Surrogate: d7-N-MeFOSE	*225*		"	*250*		*89.9*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50714 - EPA 1633 Prep											
LCS (BK50714-BS2) LCS								Prepared: 11/12/2025 Analyzed: 11/15/2025			
Perfluorobutanesulfonic acid (PFBS)	3.18	1.77	ng/L	3.54		89.9	60-145				
Perfluorohexanoic acid (PFHxA)	3.13	2.00	"	4.00		78.3	70-145				
Perfluoroheptanoic acid (PFHpA)	3.41	2.00	"	4.00		85.3	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.07	1.83	"	3.66		84.0	65-145				
Perfluorooctanoic acid (PFOA)	2.94	2.00	"	4.00		73.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.02	1.86	"	3.72		108	55-150				
Perfluorononanoic acid (PFNA)	3.11	2.00	"	4.00		77.6	70-150				
Perfluorodecanoic acid (PFDA)	3.00	2.00	"	4.00		75.1	70-140				
Perfluoroundecanoic acid (PFUnA)	3.17	2.00	"	4.00		79.4	70-145				
Perfluorododecanoic acid (PFDoA)	2.77	2.00	"	4.00		69.2	70-140	Low Bias			
Perfluorotridecanoic acid (PFTrDA)	3.43	2.00	"	4.00		85.7	65-140				
Perfluorotetradecanoic acid (PFTA)	3.08	2.00	"	4.00		77.1	60-140				
N-MeFOSAA	2.77	2.00	"	4.00		69.2	50-140				
N-EtFOSAA	3.55	5.00	"	4.00		88.9	70-145				
Perfluoropentanoic acid (PFPeA)	6.59	4.00	"	8.00		82.3	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.24	2.00	"	4.00		81.1	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.06	1.91	"	3.82		80.0	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.19	1.93	"	3.86		82.6	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.4	7.60	"	15.2		81.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	10.8	7.68	"	15.4		70.4	60-150				
Perfluoro-n-butanoic acid (PFBA)	13.6	8.00	"	16.0		85.0	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.96	3.56	"	7.12		83.8	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.99	4.00	"	8.00		99.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.36	4.00	"	8.00		92.0	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.71	4.00	"	8.00		96.4	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.77	1.88	"	3.76		73.7	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.2	7.50	"	15.0		81.3	70-145				
HFPO-DA (Gen-X)	8.68	8.00	"	8.00		109	70-140				
11CL-PF3OUdS	5.13	7.56	"	7.56		67.9	55-160				
9CL-PF3ONS	4.69	7.48	"	7.48		62.7	70-155	Low Bias			
ADONA	5.69	7.56	"	7.56		75.3	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.58	1.94	"	3.88		66.5	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.70	1.92	"	3.84		70.3	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	19.5	10.0	"	16.0		122	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	87.9	50.0	"	80.0		110	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	80.6	50.0	"	80.0		101	50-145				
N-MeFOSE	38.4	20.0	"	40.0		96.0	70-145				
N-MeFOSA	4.00	2.00	"	4.00		100	60-150				
N-EtFOSE	39.1	20.0	"	40.0		97.7	70-135				
N-EtFOSA	3.82	2.00	"	4.00		95.6	65-145				
Surrogate: M3PFBS	*27.8*		"	*23.3*		*119*	*40-135*				
Surrogate: M5PFHxA	*32.2*		"	*25.0*		*129*	*40-130*				
Surrogate: M4PFHpA	*30.7*		"	*25.0*		*123*	*40-130*				
Surrogate: M3PFHxS	*28.6*		"	*23.7*		*121*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.0*		"	*25.0*		*128*	*40-130*				
Surrogate: M6PFDA	*15.7*		"	*12.5*		*126*	*40-130*				
Surrogate: M7PFUdA	*13.8*		"	*12.5*		*110*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.0*		"	*12.5*		*112*	*10-130*				
Surrogate: M2PFTeDA	*12.1*		"	*12.5*		*96.8*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50714 - EPA 1633 Prep											
LCS (BK50714-BS2) LCS									Prepared: 11/12/2025 Analyzed: 11/15/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*125*		*ng/L*	*100*		*125*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.1*		*"*	*24.0*		*117*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.7*		*"*	*50.0*		*129*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*34.3*		*"*	*25.0*		*137*	*40-130*				
Surrogate: d3-N-MeFOSAA	*65.6*		*"*	*50.0*		*131*	*40-170*				
Surrogate: d5-N-EtFOSAA	*60.9*		*"*	*50.0*		*122*	*25-135*				
Surrogate: M2-6:2 FTS	*81.2*		*"*	*47.6*		*171*	*40-200*				
Surrogate: M2-8:2 FTS	*83.4*		*"*	*48.0*		*174*	*40-300*				
Surrogate: M9PFNA	*14.4*		*"*	*12.5*		*115*	*40-130*				
Surrogate: M2-4:2 FTS	*89.3*		*"*	*46.9*		*190*	*40-200*				
Surrogate: d-N-MeFOSA	*26.7*		*"*	*25.0*		*107*	*10-130*				
Surrogate: d-N-EtFOSA	*27.2*		*"*	*25.0*		*109*	*10-130*				
Surrogate: M3HFPO-DA	*130*		*"*	*100*		*130*	*40-130*				
Surrogate: d9-N-EtFOSE	*233*		*"*	*250*		*93.3*	*10-130*				
Surrogate: d7-N-MeFOSE	*236*		*"*	*250*		*94.2*	*10-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50710 - EPA SW846-3510C Low Level											
Blank (BK50710-BLK1) Blank									Prepared & Analyzed: 11/12/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.143*		"	*0.200*		*71.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.107*		"	*0.200*		*53.3*	*30-150*				
LCS (BK50710-BS1) LCS									Prepared & Analyzed: 11/12/2025		
4,4'-DDD	0.0723	0.00400	ug/L	0.100		72.3	40-140			20	
4,4'-DDE	0.0657	0.00400	"	0.100		65.7	40-140			20	
4,4'-DDT	0.0801	0.00400	"	0.100		80.1	40-140			20	
Aldrin	0.0416	0.00400	"	0.100		41.6	40-140			20	
alpha-BHC	0.0561	0.00400	"	0.100		56.1	40-140			20	
alpha-Chlordane	0.0589	0.00400	"	0.100		58.9	40-140			20	
beta-BHC	0.0754	0.00400	"	0.100		75.4	40-140			20	
delta-BHC	0.0568	0.00400	"	0.100		56.8	40-140			20	
Dieldrin	0.0672	0.00200	"	0.100		67.2	40-140			20	
Endosulfan I	0.0658	0.00400	"	0.100		65.8	40-140			20	
Endosulfan II	0.0784	0.00400	"	0.100		78.4	40-140			20	
Endosulfan sulfate	0.0752	0.00400	"	0.100		75.2	40-140			20	
Endrin	0.0722	0.00400	"	0.100		72.2	40-140			20	
Endrin aldehyde	0.0749	0.0100	"	0.100		74.9	40-140			20	
Endrin ketone	0.0885	0.0100	"	0.100		88.5	40-140			20	
gamma-BHC (Lindane)	0.0596	0.00400	"	0.100		59.6	40-140			20	
gamma-Chlordane	0.0601	0.0100	"	0.100		60.1	40-140			20	
Heptachlor	0.0531	0.00400	"	0.100		53.1	40-140			20	
Heptachlor epoxide	0.0658	0.00400	"	0.100		65.8	40-140			20	
Methoxychlor	0.0989	0.00400	"	0.100		98.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.146*		"	*0.200*		*73.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0857*		"	*0.200*		*42.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50893 - EPA 3546 PPCB											
Blank (BK50893-BLK1) Blank									Prepared & Analyzed: 11/14/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0508*		"	*0.0664*		*76.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0593*		"	*0.0664*		*89.3*	*30-150*				
LCS (BK50893-BS1) LCS									Prepared: 11/14/2025 Analyzed: 11/17/2025		
4,4'-DDD	0.0212	0.00164	mg/kg wet	0.0332		63.7	40-140				
4,4'-DDE	0.0205	0.00164	"	0.0332		61.7	40-140				
4,4'-DDT	0.0203	0.00164	"	0.0332		61.2	40-140				
Aldrin	0.0215	0.00164	"	0.0332		64.8	40-140				
alpha-BHC	0.0229	0.00164	"	0.0332		69.0	40-140				
alpha-Chlordane	0.0206	0.00164	"	0.0332		62.1	40-140				
beta-BHC	0.0235	0.00164	"	0.0332		70.6	40-140				
delta-BHC	0.0149	0.00164	"	0.0332		44.8	40-140				
Dieldrin	0.0206	0.00164	"	0.0332		62.1	40-140				
Endosulfan I	0.0223	0.00164	"	0.0332		67.1	40-140				
Endosulfan II	0.0236	0.00164	"	0.0332		71.2	40-140				
Endosulfan sulfate	0.0229	0.00164	"	0.0332		69.0	40-140				
Endrin	0.0201	0.00164	"	0.0332		60.5	40-140				
Endrin aldehyde	0.0183	0.00164	"	0.0332		55.0	40-140				
Endrin ketone	0.0221	0.00164	"	0.0332		66.5	40-140				
gamma-BHC (Lindane)	0.0217	0.00164	"	0.0332		65.2	40-140				
gamma-Chlordane	0.0204	0.00164	"	0.0332		61.4	40-140				
Heptachlor	0.0215	0.00164	"	0.0332		64.8	40-140				
Heptachlor epoxide	0.0216	0.00164	"	0.0332		65.0	40-140				
Methoxychlor	0.0250	0.00164	"	0.0332		75.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0537*		"	*0.0664*		*80.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0645*		"	*0.0664*		*97.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50893 - EPA 3546 PPCB											
Matrix Spike (BK50893-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/14/2025 Analyzed: 11/17/2025		
4,4'-DDD	0.0157	0.00171	mg/kg dry	0.0345	ND	45.5	30-150				
4,4'-DDE	0.0153	0.00171	"	0.0345	ND	44.3	30-150				
4,4'-DDT	0.0147	0.00171	"	0.0345	ND	42.6	30-150				
Aldrin	0.0162	0.00171	"	0.0345	ND	47.0	30-150				
alpha-BHC	0.0164	0.00171	"	0.0345	ND	47.5	30-150				
alpha-Chlordane	0.0155	0.00171	"	0.0345	ND	45.0	30-150				
beta-BHC	0.0176	0.00171	"	0.0345	ND	51.1	30-150				
delta-BHC	0.00917	0.00171	"	0.0345	ND	26.6	30-150	Low Bias			
Dieldrin	0.0154	0.00171	"	0.0345	ND	44.7	30-150				
Endosulfan I	0.0169	0.00171	"	0.0345	ND	49.1	30-150				
Endosulfan II	0.0178	0.00171	"	0.0345	ND	51.5	30-150				
Endosulfan sulfate	0.0168	0.00171	"	0.0345	ND	48.7	30-150				
Endrin	0.0150	0.00171	"	0.0345	ND	43.5	30-150				
Endrin aldehyde	0.0144	0.00171	"	0.0345	ND	41.6	30-150				
Endrin ketone	0.0166	0.00171	"	0.0345	ND	48.0	30-150				
gamma-BHC (Lindane)	0.0156	0.00171	"	0.0345	ND	45.1	30-150				
gamma-Chlordane	0.0153	0.00171	"	0.0345	ND	44.4	30-150				
Heptachlor	0.0160	0.00171	"	0.0345	ND	46.4	30-150				
Heptachlor epoxide	0.0162	0.00171	"	0.0345	ND	46.9	30-150				
Methoxychlor	0.0168	0.00171	"	0.0345	ND	48.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0421*		"	*0.0690*		*61.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0257*		"	*0.0690*		*37.2*	*30-150*				
Matrix Spike Dup (BK50893- Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/14/2025 Analyzed: 11/17/2025		
4,4'-DDD	0.0180	0.00171	mg/kg dry	0.0345	ND	52.1	30-150		13.5	30	
4,4'-DDE	0.0178	0.00171	"	0.0345	ND	51.6	30-150		15.2	30	
4,4'-DDT	0.0169	0.00171	"	0.0345	ND	48.9	30-150		13.8	30	
Aldrin	0.0186	0.00171	"	0.0345	ND	54.0	30-150		14.1	30	
alpha-BHC	0.0190	0.00171	"	0.0345	ND	55.2	30-150		14.9	30	
alpha-Chlordane	0.0178	0.00171	"	0.0345	ND	51.7	30-150		13.8	30	
beta-BHC	0.0204	0.00171	"	0.0345	ND	59.2	30-150		14.8	30	
delta-BHC	0.0129	0.00171	"	0.0345	ND	37.4	30-150		33.8	30	Non-dir.
Dieldrin	0.0178	0.00171	"	0.0345	ND	51.5	30-150		14.3	30	
Endosulfan I	0.0193	0.00171	"	0.0345	ND	56.1	30-150		13.3	30	
Endosulfan II	0.0205	0.00171	"	0.0345	ND	59.4	30-150		14.2	30	
Endosulfan sulfate	0.0191	0.00171	"	0.0345	ND	55.2	30-150		12.5	30	
Endrin	0.0172	0.00171	"	0.0345	ND	49.7	30-150		13.4	30	
Endrin aldehyde	0.0171	0.00171	"	0.0345	ND	49.5	30-150		17.3	30	
Endrin ketone	0.0189	0.00171	"	0.0345	ND	54.7	30-150		13.1	30	
gamma-BHC (Lindane)	0.0185	0.00171	"	0.0345	ND	53.6	30-150		17.2	30	
gamma-Chlordane	0.0178	0.00171	"	0.0345	ND	51.7	30-150		15.2	30	
Heptachlor	0.0189	0.00171	"	0.0345	ND	54.8	30-150		16.8	30	
Heptachlor epoxide	0.0186	0.00171	"	0.0345	ND	53.8	30-150		13.7	30	
Methoxychlor	0.0178	0.00171	"	0.0345	ND	51.6	30-150		5.47	30	
Surrogate: Decachlorobiphenyl	*0.0416*		"	*0.0690*		*60.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0229*		"	*0.0690*		*33.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50996 - EPA 3546 PPCB											
Blank (BK50996-BLK1) Blank									Prepared & Analyzed: 11/17/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0568*		"	*0.0664*		*85.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0693*		"	*0.0664*		*104*	*30-150*				
LCS (BK50996-BS1) LCS									Prepared & Analyzed: 11/17/2025		
4,4'-DDD	0.0198	0.00164	mg/kg wet	0.0332		59.5	40-140				
4,4'-DDE	0.0194	0.00164	"	0.0332		58.3	40-140				
4,4'-DDT	0.0197	0.00164	"	0.0332		59.4	40-140				
Aldrin	0.0206	0.00164	"	0.0332		62.1	40-140				
alpha-BHC	0.0216	0.00164	"	0.0332		65.1	40-140				
alpha-Chlordane	0.0198	0.00164	"	0.0332		59.6	40-140				
beta-BHC	0.0228	0.00164	"	0.0332		68.5	40-140				
delta-BHC	0.0138	0.00164	"	0.0332		41.5	40-140				
Dieldrin	0.0198	0.00164	"	0.0332		59.7	40-140				
Endosulfan I	0.0212	0.00164	"	0.0332		64.0	40-140				
Endosulfan II	0.0225	0.00164	"	0.0332		67.7	40-140				
Endosulfan sulfate	0.0217	0.00164	"	0.0332		65.4	40-140				
Endrin	0.0197	0.00164	"	0.0332		59.2	40-140				
Endrin aldehyde	0.0202	0.00164	"	0.0332		60.9	40-140				
Endrin ketone	0.0208	0.00164	"	0.0332		62.6	40-140				
gamma-BHC (Lindane)	0.0206	0.00164	"	0.0332		62.0	40-140				
gamma-Chlordane	0.0196	0.00164	"	0.0332		58.9	40-140				
Heptachlor	0.0204	0.00164	"	0.0332		61.4	40-140				
Heptachlor epoxide	0.0208	0.00164	"	0.0332		62.7	40-140				
Methoxychlor	0.0238	0.00164	"	0.0332		71.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0414*		"	*0.0664*		*62.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0500*		"	*0.0664*		*75.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50709 - EPA SW846-3510C Low Level											
LCS (BK50709-BS2) LCS								Prepared & Analyzed: 11/12/2025			
Aroclor 1016	0.847	0.0500	ug/L	1.00		84.7	40-120				
Aroclor 1260	0.872	0.0500	"	1.00		87.2	40-120				
Surrogate: Tetrachloro-m-xylene	*0.101*		"	*0.200*		*50.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0950*		"	*0.200*		*47.5*	*30-120*				
LCS Dup (BK50709-BSD2) LCS Dup								Prepared & Analyzed: 11/12/2025			
Aroclor 1016	0.784	0.0500	ug/L	1.00		78.4	40-120		7.68	30	
Aroclor 1260	0.847	0.0500	"	1.00		84.7	40-120		2.82	30	
Surrogate: Tetrachloro-m-xylene	*0.0820*		"	*0.200*		*41.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.122*		"	*0.200*		*61.0*	*30-120*				
Batch BK50891 - EPA 3546 PPCB											
Blank (BK50891-BLK1) Blank								Prepared: 11/14/2025 Analyzed: 11/15/2025			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0542*		"	*0.0664*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0661*		"	*0.0664*		*99.5*	*30-120*				
LCS (BK50891-BS2) LCS								Prepared: 11/14/2025 Analyzed: 11/15/2025			
Aroclor 1016	0.306	0.0166	mg/kg wet	0.332		92.1	40-130				
Aroclor 1260	0.342	0.0166	"	0.332		103	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0472*		"	*0.0664*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0625*		"	*0.0664*		*94.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50891 - EPA 3546 PPCB											
Matrix Spike (BK50891-MS2) Matrix Spike *Source sample: 25K0595-02 (SB-13_12-14) Prepared: 11/14/2025 Analyzed: 11/15/2025											
Aroclor 1016	0.265	0.0172	mg/kg dry	0.345	ND	76.8	40-140				
Aroclor 1260	0.309	0.0172	"	0.345	ND	89.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0421*		"	*0.0690*		*61.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0549*		"	*0.0690*		*79.5*	*30-120*				
Matrix Spike Dup (BK50891- Matrix Spike Dup *Source sample: 25K0595-02 (SB-13_12-14) Prepared: 11/14/2025 Analyzed: 11/15/2025											
Aroclor 1016	0.239	0.0172	mg/kg dry	0.345	ND	69.4	40-140		10.1	50	
Aroclor 1260	0.263	0.0172	"	0.345	ND	76.3	40-140		16.1	50	
Surrogate: Tetrachloro-m-xylene	*0.0390*		"	*0.0690*		*56.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0493*		"	*0.0690*		*71.5*	*30-120*				
Batch BK50995 - EPA 3546 PPCB											
Blank (BK50995-BLK1) Blank Prepared & Analyzed: 11/17/2025											
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0664*		"	*0.0664*		*100*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0698*		"	*0.0664*		*105*	*30-120*				
LCS (BK50995-BS2) LCS Prepared: 11/17/2025 Analyzed: 11/18/2025											
Aroclor 1016	0.243	0.0166	mg/kg wet	0.332		73.0	40-130				
Aroclor 1260	0.215	0.0166	"	0.332		64.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0389*		"	*0.0664*		*58.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0292*		"	*0.0664*		*44.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50820 - EPA 3550C/8151A											
Blank (BK50820-BLK1) Blank									Prepared: 11/13/2025 Analyzed: 11/16/2025		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.263*		"	*0.417*		*63.2*	*21-150*				
LCS (BK50820-BS1) LCS									Prepared: 11/13/2025 Analyzed: 11/17/2025		
2,4,5-T	0.0783	0.0200	mg/kg wet	0.0667		118	10-120				
2,4,5-TP (Silvex)	0.0750	0.0200	"	0.0667		112	10-120				
2,4-D	0.0608	0.0200	"	0.0667		91.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.331*		"	*0.417*		*79.4*	*21-150*				
Matrix Spike (BK50820-MS1) Matrix Spike *Source sample: 25K0595-02 (SB-13_12-14)									Prepared: 11/13/2025 Analyzed: 11/18/2025		
2,4,5-T	0.0779	0.0208	mg/kg dry	0.0692	ND	112	10-120				
2,4,5-TP (Silvex)	0.0857	0.0208	"	0.0692	ND	124	10-120	High Bias			
2,4-D	0.0831	0.0208	"	0.0692	ND	120	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.379*		"	*0.433*		*87.6*	*21-150*				
Matrix Spike Dup (BK50820- Matrix Spike Dup *Source sample: 25K0595-02 (SB-13_12-14)									Prepared: 11/13/2025 Analyzed: 11/18/2025		
2,4,5-T	0.0528	0.0208	mg/kg dry	0.0692	ND	76.2	10-120		38.4	35	Non-dir.
2,4,5-TP (Silvex)	0.0710	0.0208	"	0.0692	ND	102	10-120		18.8	35	
2,4-D	0.0710	0.0208	"	0.0692	ND	102	10-118		15.7	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.351*		"	*0.433*		*81.0*	*21-150*				
Batch BK50827 - EPA 8151A											
Blank (BK50827-BLK1) Blank									Prepared: 11/13/2025 Analyzed: 11/16/2025		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		"	*125*		*107*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50827 - EPA 8151A											
LCS (BK50827-BS1) LCS								Prepared: 11/13/2025 Analyzed: 11/17/2025			
2,4,5-T	29.5	5.00	ug/L	20.0		148	10-140	High Bias			
2,4,5-TP (Silvex)	27.8	5.00	"	20.0		139	10-139				
2,4-D	25.2	5.00	"	20.0		126	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*142*		*"*	*125*		*113*	*30-150*				
LCS Dup (BK50827-BSD1) LCS Dup								Prepared: 11/13/2025 Analyzed: 11/17/2025			
2,4,5-T	16.2	5.00	ug/L	20.0		81.2	10-140		57.9	30	Non-dir.
2,4,5-TP (Silvex)	19.8	5.00	"	20.0		98.8	10-139		33.7	30	Non-dir.
2,4-D	17.0	5.00	"	20.0		85.0	10-140		39.1	30	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*122*		*"*	*125*		*97.4*	*30-150*				
Batch BK50899 - EPA 3550C/8151A											
Blank (BK50899-BLK1) Blank								Prepared: 11/14/2025 Analyzed: 11/18/2025			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.409*		*"*	*0.415*		*98.4*	*21-150*				
LCS (BK50899-BS1) LCS								Prepared: 11/14/2025 Analyzed: 11/18/2025			
2,4,5-T	0.105	0.0199	mg/kg wet	0.0664		158	10-120	High Bias			
2,4,5-TP (Silvex)	0.0889	0.0199	"	0.0664		134	10-120	High Bias			
2,4-D	0.0939	0.0199	"	0.0664		141	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.472*		*"*	*0.415*		*114*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50783 - EPA 3015A											
Blank (BK50783-BLK1) Blank									Prepared & Analyzed: 11/13/2025		
Aluminum	ND	0.556	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.556	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.007	"								
Magnesium	ND	0.067	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	1.11	"								
Selenium	ND	0.028	"								
Silver	ND	0.007	"								
Sodium	ND	1.11	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								
Blank (BK50783-BLK2) Blank									Prepared & Analyzed: 11/13/2025		
Aluminum	ND	0.556	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.556	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.007	"								
Magnesium	ND	0.067	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	1.11	"								
Selenium	ND	0.028	"								
Silver	ND	0.007	"								
Sodium	ND	1.11	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50783 - EPA 3015A											
LCS (BK50783-BS1) LCS							Prepared & Analyzed: 11/13/2025				
Aluminum	1.92		ug/mL	2.00		96.2	80-120				
Antimony	0.292		"	0.250		117	80-120				
Arsenic	1.88		"	2.00		94.1	80-120				
Barium	1.88		"	2.00		93.8	80-120				
Beryllium	0.048		"	0.0500		95.6	80-120				
Cadmium	0.046		"	0.0500		91.4	80-120				
Calcium	0.920		"	1.00		92.0	80-120				
Chromium	0.196		"	0.200		98.2	80-120				
Cobalt	0.464		"	0.500		92.9	80-120				
Copper	0.240		"	0.250		96.0	80-120				
Iron	0.894		"	1.00		89.4	80-120				
Lead	0.468		"	0.500		93.6	80-120				
Magnesium	0.964		"	1.00		96.4	80-120				
Manganese	0.482		"	0.500		96.3	80-120				
Nickel	0.491		"	0.500		98.2	80-120				
Potassium	0.953		"	1.00		95.3	80-120				
Selenium	1.78		"	2.00		89.2	80-120				
Silver	0.045		"	0.0500		90.6	80-120				
Sodium	0.963		"	1.00		96.3	80-120				
Thallium	1.91		"	2.00		95.5	80-120				
Vanadium	0.467		"	0.500		93.4	80-120				
Zinc	0.457		"	0.500		91.4	80-120				
LCS (BK50783-BS2) LCS							Prepared & Analyzed: 11/13/2025				
Aluminum	1.92		ug/mL	2.00		95.9	80-120				
Antimony	0.288		"	0.250		115	80-120				
Arsenic	1.87		"	2.00		93.6	80-120				
Barium	1.88		"	2.00		93.9	80-120				
Beryllium	0.048		"	0.0500		95.4	80-120				
Cadmium	0.046		"	0.0500		91.2	80-120				
Calcium	0.920		"	1.00		92.0	80-120				
Chromium	0.196		"	0.200		98.0	80-120				
Cobalt	0.467		"	0.500		93.5	80-120				
Copper	0.240		"	0.250		96.0	80-120				
Iron	0.902		"	1.00		90.2	80-120				
Lead	0.466		"	0.500		93.1	80-120				
Magnesium	0.944		"	1.00		94.4	80-120				
Manganese	0.481		"	0.500		96.2	80-120				
Nickel	0.489		"	0.500		97.8	80-120				
Potassium	0.933		"	1.00		93.3	80-120				
Selenium	1.79		"	2.00		89.6	80-120				
Silver	0.045		"	0.0500		90.0	80-120				
Sodium	0.961		"	1.00		96.1	80-120				
Thallium	1.89		"	2.00		94.7	80-120				
Vanadium	0.467		"	0.500		93.3	80-120				
Zinc	0.456		"	0.500		91.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50974 - EPA 3050B											
Blank (BK50974-BLK1) Blank									Prepared: 11/16/2025 Analyzed: 11/17/2025		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BK50974-DUP1) Duplicate *Source sample: 25K0595-02 (SB-13_12-14)									Prepared: 11/16/2025 Analyzed: 11/17/2025		
Aluminum	4170	4.33	mg/kg dry		4050				2.95	35	
Antimony	ND	2.16	"		ND					35	
Arsenic	ND	1.30	"		ND					35	
Barium	24.1	2.16	"		28.1				15.2	35	
Beryllium	0.113	0.044	"		0.095				16.7	35	
Cadmium	ND	0.260	"		ND					35	
Calcium	748	4.33	"		614				19.7	35	
Chromium	7.99	0.433	"		7.37				8.12	35	
Cobalt	2.89	0.346	"		3.02				4.39	35	
Copper	6.92	1.73	"		6.40				7.93	35	
Iron	7400	21.6	"		7120				3.79	35	
Lead	1.28	0.433	"		1.28				0.00	35	
Magnesium	1400	4.33	"		1570				11.6	35	
Manganese	176	0.433	"		215				20.0	35	
Nickel	6.06	0.862	"		6.75				10.8	35	
Potassium	510	4.33	"		565				10.2	35	
Selenium	ND	2.16	"		ND					35	
Silver	ND	0.436	"		ND					35	
Sodium	57.3	43.3	"		55.0				4.12	35	
Thallium	ND	1.73	"		ND					35	
Vanadium	9.67	0.862	"		9.61				0.629	35	
Zinc	12.0	2.16	"		13.2				9.29	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50974 - EPA 3050B											
Matrix Spike (BK50974-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/16/2025 Analyzed: 11/17/2025		
Aluminum	4010	4.33	mg/kg dry	173	4050	NR	75-125	Low Bias			
Antimony	10.5	2.16	"	21.6	ND	48.6	75-125	Low Bias			
Arsenic	184	1.30	"	173	ND	107	75-125				
Barium	217	2.16	"	173	28.1	109	75-125				
Beryllium	4.71	0.044	"	4.33	0.095	107	75-125				
Cadmium	4.65	0.260	"	4.33	ND	107	75-125				
Calcium	672	4.33	"	86.5	614	67.9	75-125	Low Bias			
Chromium	25.4	0.433	"	17.3	7.37	104	75-125				
Cobalt	49.9	0.346	"	43.3	3.02	108	75-125				
Copper	30.3	1.73	"	21.6	6.40	110	75-125				
Iron	8030	21.6	"	86.5	7120	NR	75-125	High Bias			
Lead	47.6	0.433	"	43.3	1.28	107	75-125				
Magnesium	1570	4.33	"	86.5	1570	NR	75-125	Low Bias			
Manganese	242	0.433	"	43.3	215	64.5	75-125	Low Bias			
Nickel	52.7	0.862	"	43.3	6.75	106	75-125				
Potassium	591	4.33	"	86.5	565	29.7	75-125	Low Bias			
Selenium	179	2.16	"	173	ND	104	75-125				
Silver	4.48	0.436	"	4.33	ND	104	75-125				
Sodium	146	43.3	"	86.5	55.0	105	75-125				
Thallium	186	1.73	"	173	ND	107	75-125				
Vanadium	56.8	0.862	"	43.3	9.61	109	75-125				
Zinc	58.5	2.16	"	43.3	13.2	105	75-125				
Post Spike (BK50974-PS1) Post Spike	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/16/2025 Analyzed: 11/17/2025		
Aluminum	48.6		ug/mL	2.00	46.8	88.6	75-125				
Antimony	0.263		"	0.250	0.006	103	75-125				
Arsenic	2.12		"	2.00	0.014	105	75-125				
Barium	2.61		"	2.00	0.325	114	75-125				
Beryllium	0.055		"	0.0500	0.001	107	75-125				
Cadmium	0.053		"	0.0500	0.0007	105	75-125				
Calcium	8.05		"	1.00	7.09	95.9	75-125				
Chromium	0.300		"	0.200	0.085	107	75-125				
Cobalt	0.583		"	0.500	0.035	110	75-125				
Copper	0.350		"	0.250	0.074	111	75-125				
Iron	82.4		"	1.00	82.3	17.7	75-125	Low Bias			
Lead	0.539		"	0.500	0.015	105	75-125				
Magnesium	19.1		"	1.00	18.1	92.7	75-125				
Manganese	2.98		"	0.500	2.48	100	75-125				
Nickel	0.618		"	0.500	0.078	108	75-125				
Potassium	7.58		"	1.00	6.53	105	75-125				
Selenium	2.07		"	2.00	-0.011	103	75-125				
Silver	0.047		"	0.0500	-0.0007	94.6	75-125				
Sodium	1.73		"	1.00	0.635	109	75-125				
Thallium	2.13		"	2.00	-0.003	106	75-125				
Vanadium	0.649		"	0.500	0.111	108	75-125				
Zinc	0.671		"	0.500	0.152	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50974 - EPA 3050B											
Reference (BK50974-SRM1) Reference											Prepared: 11/16/2025 Analyzed: 11/17/2025
Aluminum	7190	4.17	mg/kg wet	6840		105	53.2-146.2				
Antimony	78.3	2.08	"	131		59.7	4.5-195.4				
Arsenic	192	1.25	"	192		100	81.3-118.8				
Barium	258	2.08	"	219		118	81.7-118.3				
Beryllium	159	0.042	"	146		109	82.2-117.8				
Cadmium	123	0.250	"	114		108	81.7-118.4				
Calcium	4230	4.17	"	4080		104	82.4-117.6				
Chromium	163	0.417	"	153		107	81-119				
Cobalt	249	0.333	"	231		108	83.1-117.3				
Copper	98.9	1.67	"	91.2		108	83.1-117.3				
Iron	6250	20.8	"	7020		89.0	60.7-139.2				
Lead	136	0.417	"	141		96.2	81.6-118.4				
Magnesium	1970	4.17	"	1900		103	76.3-123.7				
Manganese	407	0.417	"	401		102	80.8-119				
Nickel	157	0.830	"	143		110	81.8-118.9				
Potassium	1810	4.17	"	1760		103	72.2-127.8				
Selenium	95.1	2.08	"	94.7		100	78.5-121.4				
Silver	76.1	0.420	"	77.0		98.8	79.4-120.6				
Sodium	732	41.7	"	661		111	73.7-126.2				
Thallium	200	1.67	"	183		109	80.3-119.7				
Vanadium	162	0.830	"	159		102	78.6-122				
Zinc	296	2.08	"	292		101	79.4-120.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50737 - EPA SW846-7470A												
Blank (BK50737-BLK1)	Blank								Prepared & Analyzed: 11/12/2025			
Mercury		ND	0.0002	mg/L								
Blank (BK50737-BLK2)	Blank								Prepared & Analyzed: 11/12/2025			
Mercury		ND	0.0002	mg/L								
LCS (BK50737-BS1)	LCS								Prepared & Analyzed: 11/12/2025			
Mercury		0.0019728	0.0002	mg/L	0.00200		98.6	80-120				
LCS (BK50737-BS2)	LCS								Prepared & Analyzed: 11/12/2025			
Mercury		0.0018668	0.0002	mg/L	0.00200		93.3	80-120				
Batch BK50796 - EPA 7473 soil												
Blank (BK50796-BLK1)	Blank								Prepared: 11/13/2025 Analyzed: 11/14/2025			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BK50796-DUP1)	Duplicate	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared: 11/13/2025 Analyzed: 11/14/2025			
Mercury		1.29	0.0312	mg/kg dry		1.43				10.6	35	
Matrix Spike (BK50796-MS1)	Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared: 11/13/2025 Analyzed: 11/14/2025			
Mercury		1.69		mg/kg	1.00	1.38	30.5	75-125	Low Bias			
Reference (BK50796-SRM1)	Reference								Prepared: 11/13/2025 Analyzed: 11/14/2025			
Mercury		17.132		mg/kg	24.0		71.4	55.8-109.6				
Batch BK50890 - EPA 7473 soil												
Blank (BK50890-BLK1)	Blank								Prepared & Analyzed: 11/14/2025			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50890 - EPA 7473 soil											
Duplicate (BK50890-DUP1) Duplicate	*Source sample: 25K0595-05 (SB-15_13-15)								Prepared & Analyzed: 11/14/2025		
Mercury	ND	0.0316	mg/kg dry		ND					35	
Matrix Spike (BK50890-MS1) Matrix Spike	*Source sample: 25K0595-05 (SB-15_13-15)								Prepared & Analyzed: 11/14/2025		
Mercury	0.763		mg/kg	1.00	0.00500	75.8	75-125				
Reference (BK50890-SRM1) Reference									Prepared & Analyzed: 11/14/2025		
Mercury	20.942		mg/kg	24.0		87.3	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50658 - Analysis Preparation												
Blank (BK50658-BLK1)	Blank								Prepared & Analyzed: 11/11/2025			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BK50658-BS1)	LCS								Prepared & Analyzed: 11/11/2025			
Chromium, Hexavalent		0.516	0.0100	mg/L	0.500		103	85-115				
Batch BK50749 - Analysis Preparation												
Blank (BK50749-BLK1)	Blank								Prepared & Analyzed: 11/12/2025			
Cyanide, total		ND	0.0100	mg/L								
LCS (BK50749-BS1)	LCS								Prepared & Analyzed: 11/12/2025			
Cyanide, total		0.0844	0.0100	mg/L	0.100		84.4	80-120				
Batch BK50751 - Analysis Preparation Soil												
Blank (BK50751-BLK1)	Blank								Prepared & Analyzed: 11/12/2025			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BK50751-DUP1)	Duplicate	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared & Analyzed: 11/12/2025			
Cyanide, total		ND	0.519	mg/kg dry		ND					15	
Matrix Spike (BK50751-MS1)	Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared & Analyzed: 11/12/2025			
Cyanide, total		5.45	0.519	mg/kg dry	5.19	ND	105	79.6-107				
Matrix Spike Dup (BK50751-	Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)							Prepared & Analyzed: 11/12/2025			
Cyanide, total		5.48	0.519	mg/kg dry	5.19	ND	106	79.6-107		0.549	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50751 - Analysis Preparation Soil											
Reference (BK50751-SRM1) Reference									Prepared & Analyzed: 11/12/2025		
Cyanide, total	77.8		ug/mL	111		70.1	43.5-170				
Batch BK50834 - EPA SW846-3060											
Blank (BK50834-BLK1) Blank									Prepared & Analyzed: 11/13/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BK50834-DUP1) Duplicate	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared & Analyzed: 11/13/2025		
Chromium, Hexavalent	ND	0.519	mg/kg dry		ND					35	
Matrix Spike (BK50834-MS1) Matrix Spike	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared & Analyzed: 11/13/2025		
Chromium, Hexavalent	18.2	0.519	mg/kg dry	20.8	ND	87.8	75-125				
Matrix Spike Dup (BK50834- Matrix Spike Dup	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared & Analyzed: 11/13/2025		
Chromium, Hexavalent	19.9	0.519	mg/kg dry	20.8	ND	95.9	75-125		8.80	200	
Reference (BK50834-SRM1) Reference									Prepared & Analyzed: 11/13/2025		
Chromium, Hexavalent	147		mg/L	214		68.6	57.9-107.9				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50722 - % Solids Prep												
Duplicate (BK50722-DUP1)	Duplicate	*Source sample: 25K0595-02 (SB-13_12-14)								Prepared: 11/12/2025 Analyzed: 11/13/2025		
% Solids		96.1	0.100	%		96.3				0.235	20	
Batch BK50808 - % Solids Prep												
Duplicate (BK50808-DUP1)	Duplicate	*Source sample: 25K0595-08 (SB-14_10-12)								Prepared & Analyzed: 11/13/2025		
% Solids		92.5	0.100	%		88.3				4.63	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K0595-10	SOFB02_11-11-25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
Ja	J=Estimated Below RL
l	This parameter is outside laboratory lcs/lcsd specified recovery limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
VOA-Air	Air bubbles were present in vial upon receipt by lab.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
r	This parameter is outside laboratory rpd specified recovery limits.
S-08	The recovery of this surrogate was outside of QC limits.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
PFAS-MSL	The recovery for this matrix spike compound was below control limits possibly due to matrix effects or non-homogenieity of the sample verses the native sample

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Upon arrival, all the HCL vials had headspace, some more than others. - JMF 11-11-25

R1

Field Chain-of-Custody Record

ALS Project Number: 25K0595

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Avenue, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: see PO Quote

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [✓]; PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	TAL Metals (+hex/tri chromium)	Cyanide	PFAS	1,4-Dioxane					Grab or Comp. G/C
SB-13_3-5	11/11/25	0850	S											X	X	X	X	X	X	X					
SB-13_12-14	↑	0910	S											X	X	X	X	X	X	X					
SB-13_25-27		0930	S											X	X	X	X	X	X	X					
SB-15_3-5		1100	S											X	X	X	X	X	X	X					
SB-15_13-15		1110	S											X	X	X	X	X	X	X					
SB-15_25-27		1120	S											X	X	X	X	X	X	X					
SB-14_0-2		1245	S																X						
SB-14_10-12		1250	S																X						
SDUP02_11-11-25		—	S																						
SOFB02_11-11-25		1515	~~S~~ FQ																						
			S																						
			S																						
			S																						
			S																						
			S																						

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ]

Lab Filtered [ ]

Comments: * run SB-13-12-14 for MS/MSD *

include tgoodnough@langan.com

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel Winslow/Langan	11/11/25 1601	[signature]	11/11/25 1601	[signature]	11/11/25 1659
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[signature]	11/11/25 17:10	[signature]	11/11/25 1928		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	11/11/25 19:28 / 2.9 Degrees C

R1

PHOENIX
Environmental Laboratories, Inc.

Monday, November 17, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25K0595
SDG ID: GCU72769
Sample ID#s: CU72769 - CU72775

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

November 17, 2025

SDG I.D.: GCU72769

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 17, 2025

SDG I.D.: GCU72769

Project ID: 25K0595

Client Id	Lab Id	Matrix	Col Date
SB-13_3-5	CU72769	SOIL	11/11/25 8:50
SB-13_12-14	CU72770	SOIL	11/11/25 9:10
SB-13_25-27	CU72771	SOIL	11/11/25 9:00
SB-15_3-5	CU72772	SOIL	11/11/25 11:00
SB-15_13-15	CU72773	SOIL	11/11/25 11:10
SB-15_25-27	CU72774	SOIL	11/11/25 11:20
SODUP02_11-11-25	CU72775	SOIL	11/11/25 0:00

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	8:50
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72769

Project ID: 25K0595
Client ID: SB-13_3-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.036	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.036	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0072	0.0029	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-13_3-5

Phoenix I.D.: CU72769

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.043	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.014	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.072	0.072	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.036	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0072	0.0072	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.014	0.0036	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0072	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	82			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	94			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.029	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0072	0.0014	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.029	0.00072	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.14	0.029	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

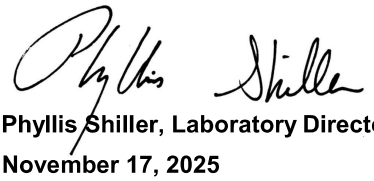
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	9:10
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72770

Project ID: 25K0595
Client ID: SB-13_12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	97			%		11/12/25	CV	SW846-%Solid
Client MS/MSD	Completed					11/12/25		
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.031	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.031	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-13_12-14

Phoenix I.D.: CU72770

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromomethane	ND	0.0063	0.0025	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon Disulfide	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.038	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.063	0.063	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.031	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	0.00096 J	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0063	0.0063	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0031	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0063	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.025	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0063	0.0013	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.025	0.00063	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.025	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	9:00
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72771

Project ID: 25K0595
Client ID: SB-13_25-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.03	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.03	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0059	0.0024	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-13_25-27

Phoenix I.D.: CU72771

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.036	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.012	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.059	0.059	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.03	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0059	0.0059	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.012	0.003	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.024	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0059	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.024	0.00059	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.12	0.024	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

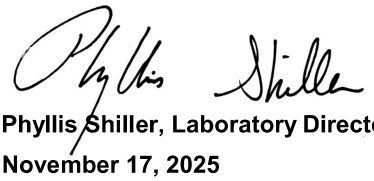
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	11:00
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72772

Project ID: 25K0595
Client ID: SB-15_3-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.95	0.19	mg/Kg	50	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.95	0.19	mg/Kg	50	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.95	0.19	mg/Kg	50	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.95	0.19	mg/Kg	50	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.04	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.04	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0081	0.0032	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-15_3-5

Phoenix I.D.: CU72772

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.048	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.016	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.081	0.081	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.04	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.95	0.19	mg/Kg	50	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
Styrene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.95	0.095	mg/Kg	50	11/13/25	JLI	SW8260D
Tetrachloroethene	0.019	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0081	0.0081	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	1.9	0.48	mg/Kg	50	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0081	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	79			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/13/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	99			%	50	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95			%	50	11/13/25	JLI	70 - 130 %
% Toluene-d8 (50x)	90			%	50	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.032	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-15_3-5

Phoenix I.D.: CU72772

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acrolein	ND	0.0081	0.0016	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.032	0.00081	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.16	0.032	mg/Kg	1	11/13/25	JLI	SW8260D

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	11:10
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72773

Project ID: 25K0595
Client ID: SB-15_13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.028	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.028	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0056	0.0023	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-15_13-15

Phoenix I.D.: CU72773

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.034	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.011	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.056	0.056	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.028	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0056	0.0056	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.011	0.0028	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0056	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.023	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0056	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.023	0.00056	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.11	0.023	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

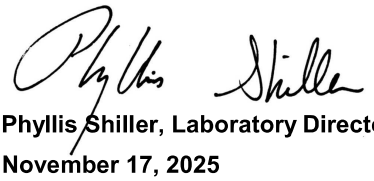
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	11:20
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72774

Project ID: 25K0595
Client ID: SB-15_25-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.027	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.027	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0055	0.0022	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SB-15_25-27

Phoenix I.D.: CU72774

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.033	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.011	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.055	0.055	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.027	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0055	0.0055	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.011	0.0027	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0055	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.022	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0055	0.0011	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.022	0.00055	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.11	0.022	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

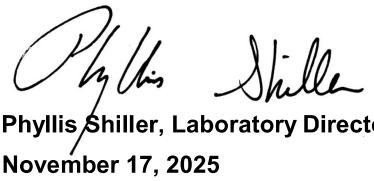
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 17, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/11/25	
Location Code:	YORK-VOC	Received by:	SR1	11/12/25	11:50
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU72769
Phoenix ID: CU72775

Project ID: 25K0595
Client ID: SODUP02_11-11-25

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96			%		11/12/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
2-Hexanone	ND	0.031	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.031	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
Acetone	ND	0.05	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
Benzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Bromochloromethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Bromodichloromethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Bromoform	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Bromomethane	ND	0.0061	0.0025	mg/Kg	1	11/13/25	JLI	SW8260D

Project ID: 25K0595
Client ID: SODUP02_11-11-25

Phoenix I.D.: CU72775

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Chlorobenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Chloroform	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Chloromethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Cyclohexane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromochloromethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dibromomethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Ethylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Isopropylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
m&p-Xylene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.037	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.012	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methylacetate	ND	0.061	0.061	mg/Kg	1	11/13/25	JLI	SW8260D
Methylcyclohexane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Methylene chloride	ND	0.031	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
n-Butylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
n-Propylbenzene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
o-Xylene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Styrene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Tetrachloroethene	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Toluene	0.0019	J 0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Total Xylenes	ND	0.0061	0.0061	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.012	0.0031	mg/Kg	1	11/13/25	JLI	SW8260D
Trichloroethene	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Vinyl chloride	ND	0.0061	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/13/25	JLI	70 - 130 %
% Bromofluorobenzene	91			%	1	11/13/25	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	11/13/25	JLI	70 - 130 %
% Toluene-d8	98			%	1	11/13/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.025	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Acrolein	ND	0.0061	0.0012	mg/Kg	1	11/13/25	JLI	SW8260D
Acrylonitrile	ND	0.025	0.00061	mg/Kg	1	11/13/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.12	0.025	mg/Kg	1	11/13/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

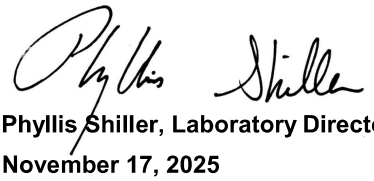
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 17, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 17, 2025

QA/QC Data

SDG I.D.: GCU72769

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 813898 (mg/Kg), QC Sample No: CU72770 (CU72769, CU72770, CU72771, CU72772, CU72773, CU72774, CU72775)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	107	106	0.9	99	98	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	95	95	0.0	94	91	3.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	97	96	1.0	96	93	3.2	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	99	95	4.1	93	91	2.2	70 - 130	30	
1,1-Dichloroethane	ND	0.005	97	97	0.0	94	92	2.2	70 - 130	30	
1,1-Dichloroethene	ND	0.005	109	112	2.7	107	104	2.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	100	99	1.0	94	88	6.6	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	99	100	1.0	100	97	3.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	99	99	0.0	93	86	7.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	99	99	0.0	97	94	3.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	97	91	6.4	91	85	6.8	70 - 130	30	
1,2-Dibromoethane	ND	0.005	100	98	2.0	96	93	3.2	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	100	99	1.0	95	92	3.2	70 - 130	30	
1,2-Dichloroethane	ND	0.005	98	95	3.1	93	92	1.1	70 - 130	30	
1,2-Dichloropropane	ND	0.005	99	98	1.0	95	94	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	101	104	2.9	100	97	3.0	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	98	98	0.0	96	91	5.3	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	99	98	1.0	96	90	6.5	70 - 130	30	
2-Hexanone	ND	0.025	95	90	5.4	93	85	9.0	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	99	97	2.0	96	91	5.3	70 - 130	30	
Acetone	ND	0.01	110	110	0.0	92	92	0.0	70 - 130	30	
Acrolein	ND	0.025	144	138	4.3	117	84	32.8	70 - 130	30	I,r
Acrylonitrile	ND	0.005	96	92	4.3	81	80	1.2	70 - 130	30	
Benzene	ND	0.001	100	101	1.0	99	97	2.0	70 - 130	30	
Bromochloromethane	ND	0.005	96	94	2.1	94	91	3.2	70 - 130	30	
Bromodichloromethane	ND	0.005	96	96	0.0	91	91	0.0	70 - 130	30	
Bromoform	ND	0.005	105	103	1.9	90	91	1.1	70 - 130	30	
Bromomethane	ND	0.005	117	117	0.0	112	105	6.5	70 - 130	30	
Carbon Disulfide	ND	0.005	111	112	0.9	104	99	4.9	70 - 130	30	
Carbon tetrachloride	ND	0.005	95	97	2.1	90	88	2.2	70 - 130	30	
Chlorobenzene	ND	0.005	103	104	1.0	100	98	2.0	70 - 130	30	
Chloroethane	ND	0.005	133	127	4.6	114	111	2.7	70 - 130	30	I
Chloroform	ND	0.005	95	94	1.1	94	90	4.3	70 - 130	30	
Chloromethane	ND	0.005	110	109	0.9	102	94	8.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	99	98	1.0	98	93	5.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	99	98	1.0	93	91	2.2	70 - 130	30	
Cyclohexane	ND	0.005	95	97	2.1	96	91	5.3	70 - 130	30	
Dibromochloromethane	ND	0.003	99	96	3.1	89	89	0.0	70 - 130	30	
Dibromomethane	ND	0.005	99	95	4.1	93	92	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	110	112	1.8	104	98	5.9	70 - 130	30	
Ethylbenzene	ND	0.001	99	99	0.0	99	96	3.1	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	0.005	97	98	1.0	99	91	8.4	70 - 130	30	
Isopropylbenzene	ND	0.001	94	92	2.2	97	89	8.6	70 - 130	30	
m&p-Xylene	ND	0.002	99	97	2.0	98	92	6.3	70 - 130	30	
Methyl ethyl ketone	ND	0.005	97	94	3.1	88	85	3.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	109	105	3.7	99	98	1.0	70 - 130	30	
Methylacetate	ND	0.005	114	109	4.5	111	98	12.4	70 - 130	30	
Methylcyclohexane	ND	0.005	98	102	4.0	102	99	3.0	70 - 130	30	
Methylene chloride	ND	0.005	105	103	1.9	97	95	2.1	70 - 130	30	
n-Butylbenzene	ND	0.001	96	101	5.1	97	95	2.1	70 - 130	30	
n-Propylbenzene	ND	0.001	94	93	1.1	95	88	7.7	70 - 130	30	
o-Xylene	ND	0.002	97	97	0.0	97	92	5.3	70 - 130	30	
p-Isopropyltoluene	ND	0.001	98	101	3.0	99	95	4.1	70 - 130	30	
sec-Butylbenzene	ND	0.001	96	95	1.0	97	90	7.5	70 - 130	30	
Styrene	ND	0.005	100	97	3.0	97	92	5.3	70 - 130	30	
tert-butyl alcohol	ND	0.1	117	115	1.7	129	113	13.2	70 - 130	30	
tert-Butylbenzene	ND	0.001	97	95	2.1	99	90	9.5	70 - 130	30	
Tetrachloroethene	ND	0.005	94	97	3.1	98	95	3.1	70 - 130	30	
Toluene	ND	0.001	98	100	2.0	97	100	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	108	109	0.9	104	101	2.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	102	99	3.0	94	91	3.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	95	87	8.8	87	74	16.1	70 - 130	30	
Trichloroethene	ND	0.005	100	101	1.0	97	96	1.0	70 - 130	30	
Trichlorofluoromethane	ND	0.005	126	128	1.6	119	115	3.4	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	109	112	2.7	114	110	3.6	70 - 130	30	
Vinyl chloride	ND	0.005	115	115	0.0	106	102	3.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	99	99	0.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	94	%	95	93	2.1	95	93	2.1	70 - 130	30	
% Dibromofluoromethane	96	%	96	96	0.0	97	97	0.0	70 - 130	30	
% Toluene-d8	98	%	100	101	1.0	99	101	2.0	70 - 130	30	
QA/QC Batch 814222H (mg/Kg), QC Sample No: CU73295 50X (CU72772 (50X))											
Volatiles - Soil (High Level)											
1,1,2,2-Tetrachloroethane	ND	0.25	77	77	0.0	73	76	4.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.25	108	111	2.7	97	104	7.0	70 - 130	30	
1,2,3-Trichloropropane	ND	0.25	77	76	1.3	74	74	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.25	106	109	2.8	97	104	7.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.25	94	96	2.1	86	91	5.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.25	93	87	6.7	79	83	4.9	70 - 130	30	
1,2-Dichlorobenzene	ND	0.25	99	101	2.0	93	98	5.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.25	97	98	1.0	90	93	3.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.25	100	101	1.0	93	97	4.2	70 - 130	30	
1,4-Dichlorobenzene	ND	0.25	103	105	1.9	97	100	3.0	70 - 130	30	
Hexachlorobutadiene	ND	0.25	120	123	2.5	109	116	6.2	70 - 130	30	
Isopropylbenzene	ND	0.25	94	95	1.1	84	89	5.8	70 - 130	30	
n-Butylbenzene	ND	0.25	98	100	2.0	91	94	3.2	70 - 130	30	
n-Propylbenzene	ND	0.25	96	99	3.1	90	94	4.3	70 - 130	30	
p-Isopropyltoluene	ND	0.25	100	102	2.0	93	97	4.2	70 - 130	30	
sec-Butylbenzene	ND	0.25	92	94	2.2	83	89	7.0	70 - 130	30	
tert-Butylbenzene	ND	0.25	96	98	2.1	85	93	9.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.25	80	78	2.5	67	73	8.6	70 - 130	30	m
% 1,2-dichlorobenzene-d4	97	%	101	101	0.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	96	%	95	97	2.1	96	96	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	103	103	0.0	106	101	4.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCU72769

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Toluene-d8	90	%		101	100	1.0	99	100	1.0	70 - 130	30

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 17, 2025

Monday, November 17, 2025

Criteria: NY: 375GWP

State: NY

Sample Criteria Exceedances Report

GCU72769 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 17, 2025

SDG I.D.: GCU72769

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

CwI 3.2°C

YORK
Analytical Laboratories, Inc.

11/11/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 25K0595

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: SB-13_3-5 72769 **York Ref: 25K0595-01**

Matrix: Soil Date Sampled : 11/11/2025 08:50

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/19/2025 19:00	11/25/2025 08:50	TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB-13_12-14 72770 **York Ref: 25K0595-02**

Matrix: Soil Date Sampled : 11/11/2025 09:10

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/19/2025 19:00	11/25/2025 09:10	MS/MSD. TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 01_40mL 01_Clear Vial Cool to 4° C (H) 03_40mL Vial with Stir Bar-Cool 4° C (I)
03_40mL Vial with Stir Bar-Cool 4° C (J) 02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 01_40mL 01_Clear Vial Cool to 4° C (O)
03_40mL Vial with Stir Bar-Cool 4° C (P) 03_40mL Vial with Stir Bar-Cool 4° C (Q) 02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0595

Samples from State of: **NY**
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/11/2025		11-12-25 11:50	
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

11/11/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0595 CwT 3.2°C

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB-13_25-27 72771 **York Ref: 25K0595-03**

Matrix: Soil **Date Sampled : 11/11/2025 09:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	**11/19/2025 19:00**	**11/25/2025 09:00**	**TCL List**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB-15_3-5 72772 **York Ref: 25K0595-04**

Matrix: Soil **Date Sampled : 11/11/2025 11:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	**11/19/2025 19:00**	**11/25/2025 11:00**	**TCL List**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB-15_13-15 72773 **York Ref: 25K0595-05**

Matrix: Soil **Date Sampled : 11/11/2025 11:10**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	**11/19/2025 19:00**	**11/25/2025 11:10**	**TCL List**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0595

Samples from State of: NY
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/11/2025 — 11/12-2511-50

Released By York Sample Control — Date — Received By — Date

Received By — Date — Received in Subcontract Lab By — Date

YORK
Analytical Laboratories, Inc.

11/11/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 25K0595 CwI 3.2c

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB-15_25-27 72774 **York Ref: 25K0595-06**

Matrix: Soil **Date Sampled :** 11/11/2025 11:20

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/19/2025 19:00	11/25/2025 11:20	TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SODUP02_11-11-25 72775 **York Ref: 25K0595-09**

Matrix: Soil **Date Sampled :** 11/11/2025 00:00

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/19/2025 19:00	11/25/2025 00:00	TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0595
Samples from State of: NY
Collected by: Client

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/11/2025 — 11/12/25 11:20

Released By York Sample Control | Date | Received By | Date

Received By | Date | Received in Subcontract Lab By | Date

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 11/14/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0233

Report Date: 11/14/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0233

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 05, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

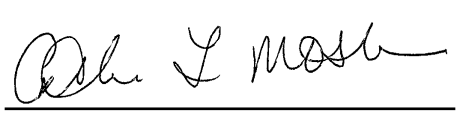
Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0233-01	SB-18_2-4	Soil	11/05/2025	11/05/2025
25K0233-02	SB-18_10-12	Soil	11/05/2025	11/05/2025
25K0233-03	SB-12_2-4	Soil	11/05/2025	11/05/2025
25K0233-04	SB-18_25-27	Soil	11/05/2025	11/05/2025
25K0233-05	SB-12_9-11	Soil	11/05/2025	11/05/2025

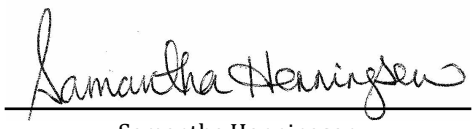
General Notes for York Project (SDG) No.: 25K0233

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie Mosher
Laboratory Manager - Stratford



Samantha Henningsen
Laboratory Director - Queens

Date: 11/14/2025

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	**2-Methylnaphthalene**	**0.110**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	**Acenaphthene**	**0.408**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.424**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**1.44**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**2.81**		mg/kg dry	0.226	0.451	10	EPA 8270E	11/06/2025 12:24	11/11/2025 15:45	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**2.15**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**2.13**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.905**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**1.91**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.158**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	**Carbazole**	**0.383**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**2.54**		mg/kg dry	0.226	0.451	10	EPA 8270E	11/06/2025 12:24	11/11/2025 15:45	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.375**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	**Dibenzofuran**	**0.426**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**5.89**		mg/kg dry	0.226	0.451	10	EPA 8270E	11/06/2025 12:24	11/11/2025 15:45	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	**Fluorene**	**0.800**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.18**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.227**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	**Phenanthrene**	**5.44**		mg/kg dry	0.226	0.451	10	EPA 8270E	11/06/2025 12:24	11/11/2025 15:45	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	**Pyrene**	**5.95**		mg/kg dry	0.226	0.451	10	EPA 8270E	11/06/2025 12:24	11/11/2025 15:45	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	11/06/2025 12:24	11/07/2025 13:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*45.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270E SIM	11/06/2025 08:58	11/10/2025 19:25	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.423	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0760	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0543	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0760	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0760	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0760	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0869	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0869	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0869	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.543	0.543	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0869	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0326	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0760	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0652	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.195	0.825	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.174	0.834	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.174	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0652	0.387	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0434	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0760	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.239	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.250	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.239	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.293	0.812	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
919005-14-4	ADONA	ND		ug/kg dry	0.282	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.347	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.793	5.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.793	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.500	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0977	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:25	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*142 %*	PFSu-H		*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*126 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*140 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*130 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*125 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*131 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*115 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*103 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*110 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*132 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*126 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*100 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*168 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*152 %*	PFSu-H		*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*161 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*162 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*169 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*72.5 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*79.1 %*			*20-130*						

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	**4,4'-DDT**	**0.00362**	P	mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:22	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.6 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	11/07/2025 08:49	11/10/2025 16:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	11/07/2025 08:49	11/10/2025 16:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	11/07/2025 08:49	11/10/2025 16:57	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*69.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9480**		mg/kg dry	4.52	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**5.73**		mg/kg dry	1.36	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**106**		mg/kg dry	2.26	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.280**		mg/kg dry	0.046	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.489**		mg/kg dry	0.271	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**16900**		mg/kg dry	4.52	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.453	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.04**		mg/kg dry	0.362	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**110**		mg/kg dry	1.81	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**18200**		mg/kg dry	22.6	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**239**		mg/kg dry	0.453	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**5770**		mg/kg dry	4.53	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**328**		mg/kg dry	0.453	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.901	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**1290**		mg/kg dry	4.53	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	**Silver**	**14.5**		mg/kg dry	0.456	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**166**		mg/kg dry	45.2	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**31.1**		mg/kg dry	0.901	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**165**		mg/kg dry	2.25	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:41	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**86.6**		mg/kg dry	17.9	500	EPA 7471B	11/10/2025 07:48	11/10/2025 07:48	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.543	1	EPA 9014/9010C	11/06/2025 09:46	11/06/2025 16:44	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	11/07/2025 10:44	11/07/2025 17:34	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	11/10/2025 15:55	11/10/2025 15:59	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**		%	0.100	1	SM 2540G	11/06/2025 08:16	11/06/2025 10:36	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.026	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D	11/05/2025 09:45	11/07/2025 03:46	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0065	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0065	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
67-64-1	**Acetone**	**0.04**	JS	mg/Kg	0.0065	0.05	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00065	0.026	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
71-43-2	Benzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0026	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
179601-23-1	**m&p-Xylene**	**0.0014**	Ja	mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
78-93-3	**Methyl ethyl ketone**	**0.0094**	Ja	mg/Kg	0.0065	0.039	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.065	0.065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0065	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
99-87-6	**p-Isopropyltoluene**	**0.00066**	Ja	mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
100-42-5	Styrene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.026	0.13	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007

Sample Information

Client Sample ID: SB-18_2-4 **York Sample ID:** 25K0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 9:45 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0032	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	11/05/2025 09:45	11/07/2025 03:46	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*98 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*83 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*105 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*84 %*	*70-130*

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**0.111**		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.0766**	J	mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.0743**	J	mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.0698**	J	mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.100**		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**0.240**		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**0.186**		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**0.199**		mg/kg dry	0.0475	0.0949	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:02	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270E SIM	11/06/2025 08:58	11/10/2025 19:43	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.448	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0804	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0804	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0804	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0804	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.161	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0919	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.126	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0919	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.126	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.149	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0919	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.574	0.574	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0919	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0345	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0804	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0689	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.207	0.873	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.184	0.882	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.184	0.919	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0689	0.409	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0460	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0804	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.253	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.264	0.919	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.253	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.310	0.859	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
919005-14-4	ADONA	ND		ug/kg dry	0.299	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.161	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.368	1.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.839	5.74	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.08	5.74	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.839	2.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.149	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.528	2.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.103	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:40	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*135 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*119 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*121 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*130 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*115 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*106 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*110 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*124 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*120 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*115 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*148 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*126 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*149 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*103 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*95.5 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*110 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*108 %*			*20-130*						

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0378	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:37	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:03	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*67.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12500**		mg/kg dry	4.79	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**2.20**		mg/kg dry	1.44	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**63.6**		mg/kg dry	2.39	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.384**		mg/kg dry	0.048	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.287	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**1330**		mg/kg dry	4.79	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.479	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.58**		mg/kg dry	0.383	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**13.0**		mg/kg dry	1.92	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**13600**		mg/kg dry	23.9	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**37.5**		mg/kg dry	0.479	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.79	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**360**		mg/kg dry	0.479	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**10.6**		mg/kg dry	0.954	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**624**		mg/kg dry	4.79	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.483	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**138**		mg/kg dry	47.9	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.92	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	0.954	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**43.0**		mg/kg dry	2.38	1	EPA 6010D	11/09/2025 08:14	11/10/2025 11:43	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0952**		mg/kg dry	0.0379	1	EPA 7471B	11/10/2025 07:48	11/10/2025 07:48	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	1	EPA 9014/9010C	11/06/2025 09:46	11/06/2025 16:44	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	11/07/2025 10:44	11/07/2025 17:34	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.5**		mg/kg	0.500	1	Calculation	11/10/2025 15:55	11/10/2025 15:59	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G	11/06/2025 08:16	11/06/2025 10:36	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.027	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 10:54	11/07/2025 04:05	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
67-64-1	Acetone	ND		mg/Kg	0.0067	0.05	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00067	0.027	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
71-43-2	Benzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0027	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0067	0.04	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.067	0.067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
100-42-5	Styrene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.027	0.13	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007

Sample Information

Client Sample ID: SB-18_10-12 **York Sample ID:** 25K0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 10:50 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**0.0017**	Ja	mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0033	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 10:54	11/07/2025 04:05	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*94 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*96 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*100 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*91 %*	*70-130*

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	**Acenaphthene**	**0.178**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.0503**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.466**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**1.13**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.768**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.757**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.371**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.691**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0474**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	**Carbazole**	**0.200**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**1.05**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.147**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	**Dibenzofuran**	**0.107**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**2.45**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	**Fluorene**	**0.191**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.476**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.0848**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**1.80**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**2.14**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	11/06/2025 12:24	11/07/2025 14:32	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/06/2025 08:58	11/10/2025 20:00	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.425	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0762	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0544	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0762	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0762	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.101**	J	ug/kg dry	0.0762	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0871	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0871	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0871	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.544	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0871	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0327	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0762	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0653	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.196	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.174	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.174	0.871	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0653	0.388	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0435	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.131	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0762	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.239	0.816	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.250	0.871	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.239	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.294	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
919005-14-4	ADONA	ND		ug/kg dry	0.283	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.348	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.795	5.44	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.44	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.795	2.18	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.501	2.18	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0980	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 06:54	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*120 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*106 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*102 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*109 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*95.5 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*87.2 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.3 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*102 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*106 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*110 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*101 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*140 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*176 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*209 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*192 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.9 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*76.9 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*81.6 %*			*20-130*						

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	**4,4'-DDE**	**0.00562**	P	mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	**4,4'-DDT**	**0.0149**		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	**gamma-Chlordane**	**0.00247**		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	11/06/2025 12:21	11/08/2025 12:53	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:10	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:10	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:10	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*60.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6010**		mg/kg dry	4.54	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**3.30**		mg/kg dry	1.36	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**53.2**		mg/kg dry	2.26	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.170**		mg/kg dry	0.046	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**33700**		mg/kg dry	4.54	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.454	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**3.88**		mg/kg dry	0.363	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**34.0**		mg/kg dry	1.81	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**14600**		mg/kg dry	22.7	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**75.7**		mg/kg dry	0.454	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**6870**		mg/kg dry	4.54	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.454	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**10.2**		mg/kg dry	0.904	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**1040**		mg/kg dry	4.54	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**157**		mg/kg dry	45.4	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	0.904	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**78.9**		mg/kg dry	2.26	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:03	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.680**		mg/kg dry	0.0359	1	EPA 7471B	11/10/2025 07:48	11/10/2025 07:48	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	11/06/2025 09:46	11/06/2025 16:44	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	11/07/2025 10:44	11/07/2025 17:34	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.8**		mg/kg	0.500	1	Calculation	11/10/2025 15:55	11/10/2025 15:59	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.9		%	0.100	1	SM 2540G	11/06/2025 08:16	11/06/2025 10:36	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.027	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D	11/05/2025 11:55	11/07/2025 04:25	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0067	0.034	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0067	0.034	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
67-64-1	Acetone	ND		mg/Kg	0.0067	0.05	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00067	0.027	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
71-43-2	Benzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0027	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0067	0.04	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.067	0.067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0067	0.034	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
100-42-5	Styrene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.027	0.13	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
127-18-4	**Tetrachloroethene**	**0.0031**	Ja	mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007

Sample Information

Client Sample ID: SB-12_2-4 **York Sample ID:** 25K0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 11:55 am	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0034	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	11/05/2025 11:55	11/07/2025 04:25	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*97 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*85 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*107 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*86 %*	*70-130*

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.169	0.339	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.169	0.339	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.339	2	EPA 8270E	11/06/2025 08:17	11/06/2025 18:59	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/06/2025 08:58	11/13/2025 10:07	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.398	0.408	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0715	0.181	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0511	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0715	0.187	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0715	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0715	0.190	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.143	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0817	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.112	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0817	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.112	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.133	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0817	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.511	0.511	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0817	0.408	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0306	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0715	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0613	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.184	0.776	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.163	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.163	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0613	0.364	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0408	0.408	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.123	0.408	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0715	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.225	0.766	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.235	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.225	0.772	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.276	0.764	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
919005-14-4	ADONA	ND		ug/kg dry	0.266	0.772	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.153	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.327	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.745	5.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.960	5.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.745	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.133	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.470	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0919	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:08	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*125 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*116 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*137 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*125 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*127 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*114 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*100 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*96.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*111 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*118 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*123 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*143 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*149 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*163 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*198 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*166 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*111 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*122 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*118 %*			*20-130*						

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:08	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	11/06/2025 12:19	11/07/2025 15:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:16	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*80.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4020**		mg/kg dry	4.28	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		mg/kg dry	1.28	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**20.7**		mg/kg dry	2.14	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.091**		mg/kg dry	0.043	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**953**		mg/kg dry	4.28	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**7.22**		mg/kg dry	0.428	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.10**		mg/kg dry	0.342	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**7.80**		mg/kg dry	1.71	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**8610**		mg/kg dry	21.4	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**1.45**		mg/kg dry	0.428	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**1450**		mg/kg dry	4.28	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**226**		mg/kg dry	0.428	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**7.38**		mg/kg dry	0.853	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**586**		mg/kg dry	4.28	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.431	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**111**		mg/kg dry	42.8	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.72	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	0.853	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**12.9**		mg/kg dry	2.13	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:05	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7471B	11/10/2025 07:48	11/10/2025 07:48	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	11/06/2025 09:46	11/06/2025 16:44	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	11/07/2025 10:44	11/07/2025 17:34	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.22**		mg/kg	0.500	1	Calculation	11/10/2025 15:55	11/10/2025 15:59	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	11/06/2025 08:16	11/06/2025 10:36	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.026	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D	11/05/2025 14:38	11/07/2025 04:45	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
67-64-1	Acetone	ND		mg/Kg	0.0064	0.05	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00064	0.026	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
71-43-2	**Benzene**	**0.0015**	Ja	mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0026	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0064	0.038	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.064	0.064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
100-42-5	Styrene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.026	0.13	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007

Sample Information

Client Sample ID: SB-18_25-27 **York Sample ID:** 25K0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 2:36 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**0.0035**	Ja	mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0032	0.013	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	11/05/2025 14:38	11/07/2025 04:45	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*95 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*97 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*99 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*92 %*	*70-130*

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.182	0.364	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	Pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	11/06/2025 08:17	11/06/2025 19:30	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*39.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270E SIM	11/06/2025 08:58	11/13/2025 10:25	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.429	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0770	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0770	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0770	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.154	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.550	0.550	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0880	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0330	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0660	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.198	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.176	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.176	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0660	0.392	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0440	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0770	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.242	0.825	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.253	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.242	0.831	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.297	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
919005-14-4	ADONA	ND		ug/kg dry	0.286	0.831	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.352	1.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.803	5.50	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.50	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.803	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.506	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0990	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/08/2025 14:31	11/14/2025 07:23	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*130 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*123 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*129 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*114 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*104 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*114 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*120 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*123 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*120 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*139 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*115 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*129 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*143 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*110 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*105 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*121 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*114 %*			*20-130*						

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	11/06/2025 12:21	11/08/2025 13:23	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*56.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	11/06/2025 12:19	11/07/2025 16:13	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	11/07/2025 08:49	11/10/2025 17:22	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*75.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14100**		mg/kg dry	4.59	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**2.94**		mg/kg dry	1.38	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**47.2**		mg/kg dry	2.29	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.224**		mg/kg dry	0.046	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**1110**		mg/kg dry	4.59	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.460	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**5.31**		mg/kg dry	0.367	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**11.2**		mg/kg dry	1.84	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**17500**		mg/kg dry	23.0	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**37.5**		mg/kg dry	0.460	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2030**		mg/kg dry	4.60	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**201**		mg/kg dry	0.460	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.915	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**737**		mg/kg dry	4.60	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**171**		mg/kg dry	45.9	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**28.1**		mg/kg dry	0.915	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**40.5**		mg/kg dry	2.29	1	EPA 6010D	11/09/2025 08:14	11/10/2025 12:06	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0497**		mg/kg dry	0.0364	1	EPA 7471B	11/10/2025 07:48	11/10/2025 07:48	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	11/06/2025 09:46	11/06/2025 16:44	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	11/07/2025 10:44	11/07/2025 17:34	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.0**		mg/kg	0.500	1	Calculation	11/10/2025 15:55	11/10/2025 15:59	AA
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.7		%	0.100	1	SM 2540G	11/06/2025 08:16	11/06/2025 10:36	BF
							Certifications: CTDPH-PH-0840			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.001	0.02	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.001	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D	11/05/2025 12:45	11/07/2025 05:05	CT007
								Certifications: NY-11301			

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0051	0.025	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0051	0.025	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
67-64-1	Acetone	ND		mg/Kg	0.0051	0.05	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
107-02-8	Acrolein	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00051	0.02	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
71-43-2	Benzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-25-2	Bromoform	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.002	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0051	0.03	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.001	0.01	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.051	0.051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0051	0.025	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
100-42-5	Styrene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.02	0.1	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007

Sample Information

Client Sample ID: SB-12_9-11 **York Sample ID:** 25K0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0233	170794301	Soil	November 5, 2025 12:45 pm	11/05/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0025	0.01	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.001	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00051	0.0051	1	SW8260D Certifications: NY-11301	11/05/2025 12:45	11/07/2025 05:05	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*93 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*97 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*101 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*90 %*	*70-130*

Analytical Batch Summary

Batch ID: 812860A **Preparation Method** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/05/25
25K0233-02	SB-18_10-12	11/05/25
25K0233-03	SB-12_2-4	11/05/25
25K0233-04	SB-18_25-27	11/05/25
25K0233-05	SB-12_9-11	11/05/25

Batch ID: BK50316 **Preparation Method** % Solids Prep **Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25

Batch ID: BK50317 **Preparation Method** EPA 3550C **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25
BK50317-BLK1	Blank	11/06/25
BK50317-BS1	LCS	11/06/25

Batch ID: BK50329 **Preparation Method** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25
BK50329-BLK1	Blank	11/06/25
BK50329-BS1	LCS	11/06/25

Batch ID: BK50335 **Preparation Method** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25
BK50335-BLK1	Blank	11/06/25

BK50335-SRM1	Reference	11/06/25

Batch ID: BK50347 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25
BK50347-BLK1	Blank	11/06/25
BK50347-BS2	LCS	11/06/25
BK50347-MS2	Matrix Spike	11/06/25
BK50347-MSD2	Matrix Spike Dup	11/06/25

Batch ID: BK50348 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
25K0233-04	SB-18_25-27	11/06/25
25K0233-05	SB-12_9-11	11/06/25
BK50348-BLK1	Blank	11/06/25
BK50348-BS1	LCS	11/06/25
BK50348-MS1	Matrix Spike	11/06/25
BK50348-MSD1	Matrix Spike Dup	11/06/25

Batch ID: BK50349 **Preparation Method** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/06/25
25K0233-01RE1	SB-18_2-4	11/06/25
25K0233-02	SB-18_10-12	11/06/25
25K0233-03	SB-12_2-4	11/06/25
BK50349-BLK1	Blank	11/06/25
BK50349-BS1	LCS	11/06/25

Batch ID: BK50410 **Preparation Method** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/07/25
25K0233-02	SB-18_10-12	11/07/25
25K0233-03	SB-12_2-4	11/07/25
25K0233-04	SB-18_25-27	11/07/25
25K0233-05	SB-12_9-11	11/07/25
BK50410-BLK1	Blank	11/07/25
BK50410-BS1	LCS	11/07/25
BK50410-MS1	Matrix Spike	11/07/25

BK50410-MSD1	Matrix Spike Dup	11/07/25

Batch ID: BK50428 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/07/25
25K0233-02	SB-18_10-12	11/07/25
25K0233-03	SB-12_2-4	11/07/25
25K0233-04	SB-18_25-27	11/07/25
25K0233-05	SB-12_9-11	11/07/25
BK50428-BLK1	Blank	11/07/25
BK50428-DUP1	Duplicate	11/07/25
BK50428-MS1	Matrix Spike	11/07/25
BK50428-MSD1	Matrix Spike Dup	11/07/25
BK50428-SRM1	Reference	11/07/25

Batch ID: BK50479 **Preparation Method** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/08/25
25K0233-02	SB-18_10-12	11/08/25
25K0233-03	SB-12_2-4	11/08/25
25K0233-04	SB-18_25-27	11/08/25
25K0233-05	SB-12_9-11	11/08/25
BK50479-BLK1	Blank	11/08/25
BK50479-BS1	LCS	11/08/25
BK50479-BS2	LCS	11/08/25

Batch ID: BK50482 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/09/25
25K0233-02	SB-18_10-12	11/09/25
25K0233-03	SB-12_2-4	11/09/25
25K0233-04	SB-18_25-27	11/09/25
25K0233-05	SB-12_9-11	11/09/25
BK50482-BLK1	Blank	11/09/25
BK50482-SRM1	Reference	11/09/25

Batch ID: BK50493 **Preparation Method** EPA SW846-7471B **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/10/25
25K0233-02	SB-18_10-12	11/10/25
25K0233-03	SB-12_2-4	11/10/25
25K0233-04	SB-18_25-27	11/10/25
25K0233-05	SB-12_9-11	11/10/25
BK50493-BLK1	Blank	11/10/25
BK50493-SRM1	Reference	11/10/25

Batch ID: BK50559 **Preparation Method** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
25K0233-01	SB-18_2-4	11/10/25
25K0233-02	SB-18_10-12	11/10/25
25K0233-03	SB-12_2-4	11/10/25
25K0233-04	SB-18_25-27	11/10/25
25K0233-05	SB-12_9-11	11/10/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50317 - EPA 3550C											
Blank (BK50317-BLK1) Blank									Prepared & Analyzed: 11/06/2025		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50317 - EPA 3550C											
Blank (BK50317-BLK1) Blank										Prepared & Analyzed: 11/06/2025	
Dibenzo(a,h)anthracene	ND	0.0416	mg/kg wet								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.925*		"	*1.66*		*55.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.838*		"	*1.66*		*50.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.579*		"	*0.831*		*69.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.588*		"	*0.831*		*70.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.81*		"	*1.66*		*109*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.775*		"	*0.831*		*93.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50317 - EPA 3550C

LCS (BK50317-BS1) LCS — Prepared & Analyzed: 11/06/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.658	0.0416	mg/kg wet	0.831		79.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.856	0.0830	"	0.831		103	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.666	0.0416	"	0.831		80.2	17-137				
2,3,4,6-Tetrachlorophenol	0.839	0.0830	"	0.831		101	30-130				
2,4,5-Trichlorophenol	0.734	0.0416	"	0.831		88.3	27-118				
2,4,6-Trichlorophenol	0.730	0.0416	"	0.831		87.8	31-120				
2,4-Dichlorophenol	0.803	0.0416	"	0.831		96.6	20-127				
2,4-Dimethylphenol	0.713	0.0416	"	0.831		85.8	14-132				
2,4-Dinitrophenol	0.540	0.0830	"	0.831		65.0	10-171				
2,4-Dinitrotoluene	0.749	0.0416	"	0.831		90.2	34-131				
2,6-Dinitrotoluene	0.703	0.0416	"	0.831		84.7	31-128				
2-Chloronaphthalene	0.635	0.0416	"	0.831		76.4	31-117				
2-Chlorophenol	0.589	0.0416	"	0.831		70.9	33-113				
2-Methylnaphthalene	0.665	0.0416	"	0.831		80.1	12-138				
2-Methylphenol	0.577	0.0416	"	0.831		69.5	10-136				
2-Nitroaniline	0.727	0.0830	"	0.831		87.5	27-132				
2-Nitrophenol	0.821	0.0416	"	0.831		98.9	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	0.831		60.8	29-103				
3,3-Dichlorobenzidine	0.607	0.0416	"	0.831		73.1	22-149				
3-Nitroaniline	0.587	0.0830	"	0.831		70.7	20-133				
4,6-Dinitro-2-methylphenol	1.00	0.0830	"	0.831		121	10-143				
4-Bromophenyl phenyl ether	0.819	0.0416	"	0.831		98.6	29-120				
4-Chloro-3-methylphenol	0.774	0.0416	"	0.831		93.2	24-129				
4-Chloroaniline	0.422	0.0416	"	0.831		50.8	10-132				
4-Chlorophenyl phenyl ether	0.687	0.0416	"	0.831		82.7	27-124				
4-Nitroaniline	0.575	0.0830	"	0.831		69.3	16-128				
4-Nitrophenol	0.585	0.0830	"	0.831		70.4	10-141				
Acenaphthene	0.590	0.0416	"	0.831		71.1	30-121				
Acenaphthylene	0.627	0.0416	"	0.831		75.5	30-115				
Acetophenone	0.533	0.0416	"	0.831		64.2	20-112				
Aniline	0.417	0.166	"	0.831		50.2	10-119				
Anthracene	0.681	0.0416	"	0.831		82.0	34-118				
Atrazine	0.643	0.0416	"	0.831		77.4	26-112				
Benzaldehyde	0.439	0.0416	"	0.831		52.8	21-100				
Benzo(a)anthracene	0.712	0.0416	"	0.831		85.7	32-122				
Benzo(a)pyrene	0.589	0.0416	"	0.831		70.9	29-133				
Benzo(b)fluoranthene	0.598	0.0416	"	0.831		72.0	25-133				
Benzo(g,h,i)perylene	0.647	0.0416	"	0.831		77.9	10-143				
Benzo(k)fluoranthene	0.602	0.0416	"	0.831		72.5	25-128				
Benzoic acid	0.327	0.0416	"	0.831		39.4	10-140				
Benzyl alcohol	0.561	0.0416	"	0.831		67.6	30-115				
Benzyl butyl phthalate	0.747	0.0416	"	0.831		90.0	26-126				
Bis(2-chloroethoxy)methane	0.658	0.0416	"	0.831		79.2	19-132				
Bis(2-chloroethyl)ether	0.504	0.0416	"	0.831		60.6	19-125				
Bis(2-chloroisopropyl)ether	0.386	0.0416	"	0.831		46.5	20-135				
Bis(2-ethylhexyl)phthalate	0.729	0.0416	"	0.831		87.8	10-155				
Caprolactam	0.605	0.0830	"	0.831		72.9	10-127				
Carbazole	0.654	0.0416	"	0.831		78.8	35-123				
Chrysene	0.684	0.0416	"	0.831		82.3	32-123				
Dibenzo(a,h)anthracene	0.635	0.0416	"	0.831		76.4	10-136				
Dibenzofuran	0.632	0.0416	"	0.831		76.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50317 - EPA 3550C											
LCS (BK50317-BS1) LCS							Prepared & Analyzed: 11/06/2025				
Diethyl phthalate	0.622	0.0416	mg/kg wet	0.831		74.9	34-116				
Dimethyl phthalate	0.626	0.0416	"	0.831		75.4	35-124				
Di-n-butyl phthalate	0.658	0.0416	"	0.831		79.2	31-116				
Di-n-octyl phthalate	0.671	0.0416	"	0.831		80.8	26-136				
Diphenylamine	0.873	0.0830	"	0.831		105	40-140				
Fluoranthene	0.646	0.0416	"	0.831		77.8	33-122				
Fluorene	0.633	0.0416	"	0.831		76.2	29-123				
Hexachlorobenzene	0.747	0.0416	"	0.831		90.0	21-124				
Hexachlorobutadiene	0.848	0.0416	"	0.831		102	10-149				
Hexachlorocyclopentadiene	0.513	0.0416	"	0.831		61.8	10-129				
Hexachloroethane	0.584	0.0416	"	0.831		70.4	28-108				
Indeno(1,2,3-cd)pyrene	0.738	0.0416	"	0.831		88.8	10-135				
Isophorone	0.635	0.0416	"	0.831		76.5	20-132				
Naphthalene	0.669	0.0416	"	0.831		80.6	23-124				
Nitrobenzene	0.639	0.0416	"	0.831		77.0	13-132				
N-Nitrosodimethylamine	0.410	0.0416	"	0.831		49.4	11-129				
N-nitroso-di-n-propylamine	0.500	0.0416	"	0.831		60.2	24-119				
N-Nitrosodiphenylamine	0.921	0.0416	"	0.831		111	22-152				
Pentachlorophenol	0.827	0.0416	"	0.831		99.6	10-139				
Phenanthrene	0.659	0.0416	"	0.831		79.4	33-123				
Phenol	0.574	0.0416	"	0.831		69.1	23-115				
Pyrene	0.756	0.0416	"	0.831		91.0	24-130				
Pyridine	0.288	0.166	"	0.831		34.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.66*		*61.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.964*		"	*1.66*		*58.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.627*		"	*0.831*		*75.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.636*		"	*0.831*		*76.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.06*		"	*1.66*		*124*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.787*		"	*0.831*		*94.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

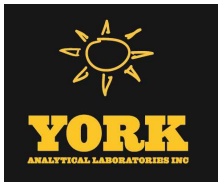
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50349 - EPA 3550C											
Blank (BK50349-BLK1) Blank											Prepared: 11/06/2025 Analyzed: 11/07/2025
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50349 - EPA 3550C											
Blank (BK50349-BLK1) Blank											Prepared: 11/06/2025 Analyzed: 11/07/2025
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*0.820*		"	*1.67*		*49.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.715*		"	*1.67*		*42.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.435*		"	*0.833*		*52.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.454*		"	*0.833*		*54.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.20*		"	*1.67*		*72.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.528*		"	*0.833*		*63.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50349 - EPA 3550C											
LCS (BK50349-BS1) LCS									Prepared: 11/06/2025 Analyzed: 11/07/2025		
1,1-Biphenyl	0.716	0.0417	mg/kg wet	0.833		86.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.923	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.685	0.0417	"	0.833		82.2	17-137				
2,3,4,6-Tetrachlorophenol	0.920	0.0833	"	0.833		110	30-130				
2,4,5-Trichlorophenol	0.793	0.0417	"	0.833		95.2	27-118				
2,4,6-Trichlorophenol	0.802	0.0417	"	0.833		96.2	31-120				
2,4-Dichlorophenol	0.813	0.0417	"	0.833		97.6	20-127				
2,4-Dimethylphenol	0.750	0.0417	"	0.833		90.0	14-132				
2,4-Dinitrophenol	0.472	0.0833	"	0.833		56.6	10-171				
2,4-Dinitrotoluene	0.847	0.0417	"	0.833		102	34-131				
2,6-Dinitrotoluene	0.802	0.0417	"	0.833		96.3	31-128				
2-Chloronaphthalene	0.704	0.0417	"	0.833		84.5	31-117				
2-Chlorophenol	0.687	0.0417	"	0.833		82.4	33-113				
2-Methylnaphthalene	0.716	0.0417	"	0.833		85.9	12-138				
2-Methylphenol	0.652	0.0417	"	0.833		78.2	10-136				
2-Nitroaniline	0.794	0.0833	"	0.833		95.3	27-132				
2-Nitrophenol	0.871	0.0417	"	0.833		104	17-129				
3- & 4-Methylphenols	0.578	0.0417	"	0.833		69.4	29-103				
3,3-Dichlorobenzidine	0.685	0.0417	"	0.833		82.2	22-149				
3-Nitroaniline	0.680	0.0833	"	0.833		81.6	20-133				
4,6-Dinitro-2-methylphenol	0.963	0.0833	"	0.833		116	10-143				
4-Bromophenyl phenyl ether	0.836	0.0417	"	0.833		100	29-120				
4-Chloro-3-methylphenol	0.829	0.0417	"	0.833		99.5	24-129				
4-Chloroaniline	0.504	0.0417	"	0.833		60.5	10-132				
4-Chlorophenyl phenyl ether	0.757	0.0417	"	0.833		90.8	27-124				
4-Nitroaniline	0.692	0.0833	"	0.833		83.0	16-128				
4-Nitrophenol	0.645	0.0833	"	0.833		77.4	10-141				
Acenaphthene	0.663	0.0417	"	0.833		79.6	30-121				
Acenaphthylene	0.716	0.0417	"	0.833		85.9	30-115				
Acetophenone	0.628	0.0417	"	0.833		75.4	20-112				
Aniline	0.469	0.167	"	0.833		56.2	10-119				
Anthracene	0.737	0.0417	"	0.833		88.5	34-118				
Atrazine	0.693	0.0417	"	0.833		83.1	26-112				
Benzaldehyde	0.514	0.0417	"	0.833		61.6	21-100				
Benzo(a)anthracene	0.775	0.0417	"	0.833		93.0	32-122				
Benzo(a)pyrene	0.676	0.0417	"	0.833		81.1	29-133				
Benzo(b)fluoranthene	0.688	0.0417	"	0.833		82.6	25-133				
Benzo(g,h,i)perylene	0.736	0.0417	"	0.833		88.3	10-143				
Benzo(k)fluoranthene	0.697	0.0417	"	0.833		83.6	25-128				
Benzoic acid	0.158	0.0417	"	0.833		19.0	10-140				
Benzyl alcohol	0.639	0.0417	"	0.833		76.7	30-115				
Benzyl butyl phthalate	0.792	0.0417	"	0.833		95.1	26-126				
Bis(2-chloroethoxy)methane	0.679	0.0417	"	0.833		81.5	19-132				
Bis(2-chloroethyl)ether	0.601	0.0417	"	0.833		72.1	19-125				
Bis(2-chloroisopropyl)ether	0.447	0.0417	"	0.833		53.6	20-135				
Bis(2-ethylhexyl)phthalate	0.785	0.0417	"	0.833		94.2	10-155				
Caprolactam	0.747	0.0833	"	0.833		89.6	10-127				
Carbazole	0.734	0.0417	"	0.833		88.1	35-123				
Chrysene	0.770	0.0417	"	0.833		92.4	32-123				
Dibenzo(a,h)anthracene	0.723	0.0417	"	0.833		86.8	10-136				
Dibenzofuran	0.729	0.0417	"	0.833		87.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

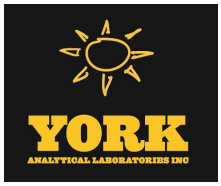
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50349 - EPA 3550C											
LCS (BK50349-BS1) LCS									Prepared: 11/06/2025 Analyzed: 11/07/2025		
Diethyl phthalate	0.717	0.0417	mg/kg wet	0.833		86.0	34-116				
Dimethyl phthalate	0.720	0.0417	"	0.833		86.4	35-124				
Di-n-butyl phthalate	0.724	0.0417	"	0.833		86.8	31-116				
Di-n-octyl phthalate	0.727	0.0417	"	0.833		87.2	26-136				
Diphenylamine	0.915	0.0833	"	0.833		110	40-140				
Fluoranthene	0.712	0.0417	"	0.833		85.5	33-122				
Fluorene	0.724	0.0417	"	0.833		86.8	29-123				
Hexachlorobenzene	0.793	0.0417	"	0.833		95.1	21-124				
Hexachlorobutadiene	0.879	0.0417	"	0.833		106	10-149				
Hexachlorocyclopentadiene	0.471	0.0417	"	0.833		56.6	10-129				
Hexachloroethane	0.671	0.0417	"	0.833		80.6	28-108				
Indeno(1,2,3-cd)pyrene	0.830	0.0417	"	0.833		99.6	10-135				
Isophorone	0.676	0.0417	"	0.833		81.1	20-132				
Naphthalene	0.728	0.0417	"	0.833		87.4	23-124				
Nitrobenzene	0.676	0.0417	"	0.833		81.2	13-132				
N-Nitrosodimethylamine	0.476	0.0417	"	0.833		57.2	11-129				
N-nitroso-di-n-propylamine	0.566	0.0417	"	0.833		68.0	24-119				
N-Nitrosodiphenylamine	0.944	0.0417	"	0.833		113	22-152				
Pentachlorophenol	0.764	0.0417	"	0.833		91.6	10-139				
Phenanthrene	0.723	0.0417	"	0.833		86.8	33-123				
Phenol	0.668	0.0417	"	0.833		80.2	23-115				
Pyrene	0.824	0.0417	"	0.833		98.9	24-130				
Pyridine	0.385	0.167	"	0.833		46.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.29*		"	*1.67*		*77.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.22*		"	*1.67*		*73.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.693*		"	*0.833*		*83.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.724*		"	*0.833*		*86.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.26*		"	*1.67*		*136*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.873*		"	*0.833*		*105*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

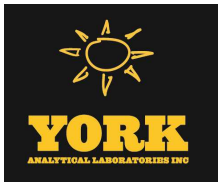
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50329 - EPA 3550C											
Blank (BK50329-BLK1) Blank									Prepared: 11/06/2025 Analyzed: 11/10/2025		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*584*		"	*495*		*118*	*39-127.5*				
LCS (BK50329-BS1) LCS									Prepared: 11/06/2025 Analyzed: 11/10/2025		
1,4-Dioxane	408	19.8	ug/kg	495		82.4	40-130				
Surrogate: 1,4-Dioxane-d8	*564*		"	*495*		*114*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50479 - EPA 1633 Prep											
Blank (BK50479-BLK1) Blank									Prepared: 11/08/2025 Analyzed: 11/13/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*3.45*		"	*2.33*		*148*	*40-135*				
Surrogate: M5PFHxA	*3.42*		"	*2.50*		*137*	*40-130*				
Surrogate: M4PFHpA	*3.30*		"	*2.50*		*132*	*40-130*				
Surrogate: M3PFHxS	*3.23*		"	*2.37*		*136*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.43*		"	*2.50*		*137*	*40-130*				
Surrogate: M6PFDA	*1.75*		"	*1.25*		*140*	*40-130*				
Surrogate: M7PFUdA	*1.53*		"	*1.25*		*122*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.38*		"	*1.25*		*111*	*40-130*				
Surrogate: M2PFTeDA	*1.33*		"	*1.25*		*107*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50479 - EPA 1633 Prep

Blank (BK50479-BLK1) Blank — Prepared: 11/08/2025 Analyzed: 11/13/2025

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.2*		*ug/kg wet*	*10.0*		*132*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.19*		*"*	*2.40*		*133*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.01*		*"*	*5.00*		*140*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.30*		*"*	*2.50*		*132*	*40-130*				
Surrogate: d3-N-MeFOSAA	*6.69*		*"*	*5.00*		*134*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.69*		*"*	*5.00*		*114*	*40-150*				
Surrogate: M2-6:2 FTS	*7.79*		*"*	*4.76*		*164*	*40-215*				
Surrogate: M2-8:2 FTS	*7.70*		*"*	*4.80*		*160*	*40-275*				
Surrogate: M9PFNA	*1.68*		*"*	*1.25*		*134*	*40-130*				
Surrogate: M2-4:2 FTS	*8.10*		*"*	*4.69*		*173*	*40-165*				
Surrogate: d-N-MeFOSA	*2.62*		*"*	*2.50*		*105*	*10-130*				
Surrogate: d-N-EtFOSA	*2.83*		*"*	*2.50*		*113*	*10-130*				
Surrogate: M3HFPO-DA	*13.9*		*"*	*10.0*		*139*	*40-130*				
Surrogate: d9-N-EtFOSE	*30.2*		*"*	*25.0*		*121*	*15-130*				
Surrogate: d7-N-MeFOSE	*29.8*		*"*	*25.0*		*119*	*20-130*				

LCS (BK50479-BS1) LCS — Prepared: 11/08/2025 Analyzed: 11/13/2025

Perfluorobutanesulfonic acid (PFBS)	3.91	0.177	ug/kg wet	3.53		111	65-145				
Perfluorohexanoic acid (PFHxA)	4.46	0.200	"	3.99		112	65-140				
Perfluoroheptanoic acid (PFHpA)	4.22	0.200	"	3.99		106	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.94	0.183	"	3.65		108	60-150				
Perfluorooctanoic acid (PFOA)	4.34	0.200	"	3.99		109	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.94	0.186	"	3.71		106	65-160				
Perfluorononanoic acid (PFNA)	4.48	0.200	"	3.99		112	70-155				
Perfluorodecanoic acid (PFDA)	4.37	0.200	"	3.99		110	70-155				
Perfluoroundecanoic acid (PFUnA)	4.52	0.200	"	3.99		113	70-155				
Perfluorododecanoic acid (PFDoA)	4.35	0.200	"	3.99		109	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.02	0.200	"	3.99		101	65-150				
Perfluorotetradecanoic acid (PFTA)	4.42	0.200	"	3.99		111	65-150				
N-MeFOSAA	4.81	0.200	"	3.99		120	65-155				
N-EtFOSAA	4.57	0.499	"	3.99		115	65-165				
Perfluoropentanoic acid (PFPeA)	8.72	0.399	"	7.98		109	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.46	0.200	"	3.99		112	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.95	0.200	"	3.81		104	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.99	0.193	"	3.85		104	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	0.758	"	15.2		104	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.9	0.766	"	15.3		117	70-150				
Perfluoro-n-butanoic acid (PFBA)	18.0	0.798	"	16.0		113	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.60	0.355	"	7.11		107	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.51	0.399	"	7.98		94.0	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.81	0.399	"	7.98		110	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.04	0.399	"	7.98		113	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.27	0.188	"	3.75		114	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.4	0.749	"	15.0		103	60-150				
HFPO-DA (Gen-X)	9.81	0.798	"	7.98		123	70-145				
11CL-PF3OUdS	7.32	0.754	"	7.54		97.0	45-160				
9CL-PF3ONS	7.13	0.747	"	7.47		95.5	70-150				
ADONA	8.74	0.754	"	7.54		116	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50479 - EPA 1633 Prep											
LCS (BK50479-BS1) LCS									Prepared: 11/08/2025 Analyzed: 11/13/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.94	0.194	ug/kg wet	3.87		102	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.96	0.192	"	3.83		103	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.9	0.998	"	16.0		106	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	85.9	4.99	"	79.8		108	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	102	4.99	"	79.8		128	60-150				
N-MeFOSE	41.6	2.00	"	39.9		104	70-140				
N-MeFOSA	4.42	0.200	"	3.99		111	70-155				
N-EtFOSE	45.3	2.00	"	39.9		114	70-135				
N-EtFOSA	4.60	0.200	"	3.99		115	70-140				
Surrogate: M3PFBS	*3.02*		"	*2.33*		*130*	*40-135*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*121*	*40-130*				
Surrogate: M4PFHpA	*3.02*		"	*2.50*		*121*	*40-130*				
Surrogate: M3PFHxS	*2.95*		"	*2.37*		*125*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.00*		"	*2.50*		*120*	*40-130*				
Surrogate: M6PFDA	*1.47*		"	*1.25*		*118*	*40-130*				
Surrogate: M7PFUdA	*1.35*		"	*1.25*		*108*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.32*		"	*1.25*		*106*	*40-130*				
Surrogate: M2PFTeDA	*1.37*		"	*1.25*		*110*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.1*		"	*9.98*		*121*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.85*		"	*2.39*		*119*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.21*		"	*4.99*		*124*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.10*		"	*2.50*		*124*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.80*		"	*4.99*		*116*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.45*		"	*4.99*		*109*	*40-150*				
Surrogate: M2-6:2 FTS	*6.33*		"	*4.75*		*133*	*40-215*				
Surrogate: M2-8:2 FTS	*7.44*		"	*4.79*		*155*	*40-275*				
Surrogate: M9PFNA	*1.42*		"	*1.25*		*114*	*40-130*				
Surrogate: M2-4:2 FTS	*6.74*		"	*4.68*		*144*	*40-165*				
Surrogate: d-N-MeFOSA	*2.64*		"	*2.50*		*106*	*10-130*				
Surrogate: d-N-EtFOSA	*2.64*		"	*2.50*		*106*	*10-130*				
Surrogate: M3HFPO-DA	*12.1*		"	*9.98*		*121*	*40-130*				
Surrogate: d9-N-EtFOSE	*30.1*		"	*25.0*		*121*	*15-130*				
Surrogate: d7-N-MeFOSE	*30.0*		"	*25.0*		*120*	*20-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50479 - EPA 1633 Prep											
LCS (BK50479-BS2) LCS								Prepared: 11/08/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	0.321	0.177	ug/kg wet	0.354		90.6	65-145				
Perfluorohexanoic acid (PFHxA)	0.338	0.200	"	0.400		84.5	65-140				
Perfluoroheptanoic acid (PFHpA)	0.393	0.200	"	0.400		98.2	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.313	0.183	"	0.366		85.4	60-150				
Perfluorooctanoic acid (PFOA)	0.299	0.200	"	0.400		74.6	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.402	0.186	"	0.372		108	65-160				
Perfluorononanoic acid (PFNA)	0.325	0.200	"	0.400		81.3	70-155				
Perfluorodecanoic acid (PFDA)	0.331	0.200	"	0.400		82.7	70-155				
Perfluoroundecanoic acid (PFUnA)	0.327	0.200	"	0.400		81.8	70-155				
Perfluorododecanoic acid (PFDoA)	0.347	0.200	"	0.400		86.8	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.332	0.200	"	0.400		83.1	65-150				
Perfluorotetradecanoic acid (PFTA)	0.339	0.200	"	0.400		84.7	65-150				
N-MeFOSAA	0.398	0.200	"	0.400		99.6	65-155				
N-EtFOSAA	0.309	0.500	"	0.400		77.4	65-165				
Perfluoropentanoic acid (PFPeA)	0.706	0.400	"	0.800		88.3	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.359	0.200	"	0.400		89.7	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.282	0.200	"	0.382		73.9	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.365	0.193	"	0.386		94.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.36	0.760	"	1.52		89.6	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.09	0.768	"	1.54		71.2	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.48	0.800	"	1.60		92.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.640	0.356	"	0.712		89.9	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.908	0.400	"	0.800		113	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.807	0.400	"	0.800		101	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.816	0.400	"	0.800		102	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.280	0.188	"	0.376		74.5	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.36	0.750	"	1.50		90.5	60-150				
HFPO-DA (Gen-X)	0.735	0.800	"	0.800		91.9	70-145				
11CL-PF3OUdS	0.469	0.756	"	0.756		62.0	45-160				
9CL-PF3ONS	0.474	0.748	"	0.748		63.3	70-150	Low Bias			
ADONA	0.545	0.756	"	0.756		72.1	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.301	0.194	"	0.388		77.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.337	0.192	"	0.384		87.8	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.70	1.00	"	1.60		106	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.47	5.00	"	8.00		106	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.55	5.00	"	8.00		107	60-150				
N-MeFOSE	4.07	2.00	"	4.00		102	70-140				
N-MeFOSA	0.388	0.200	"	0.400		97.1	70-155				
N-EtFOSE	3.93	2.00	"	4.00		98.2	70-135				
N-EtFOSA	0.376	0.200	"	0.400		93.9	70-140				
Surrogate: M3PFBS	*3.00*		"	*2.33*		*129*	*40-135*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*40-130*				
Surrogate: M4PFHpA	*2.96*		"	*2.50*		*118*	*40-130*				
Surrogate: M3PFHxS	*2.93*		"	*2.37*		*124*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.25*		"	*2.50*		*130*	*40-130*				
Surrogate: M6PFDA	*1.54*		"	*1.25*		*123*	*40-130*				
Surrogate: M7PFUdA	*1.42*		"	*1.25*		*113*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.27*		"	*1.25*		*102*	*40-130*				
Surrogate: M2PFTeDA	*1.24*		"	*1.25*		*99.4*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50479 - EPA 1633 Prep											
LCS (BK50479-BS2) LCS									Prepared: 11/08/2025 Analyzed: 11/13/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*ug/kg wet*	*10.0*		*115*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.86*		*"*	*2.40*		*119*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.21*		*"*	*5.00*		*124*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.05*		*"*	*2.50*		*122*	*40-130*				
Surrogate: d3-N-MeFOSAA	*6.32*		*"*	*5.00*		*126*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.68*		*"*	*5.00*		*114*	*40-150*				
Surrogate: M2-6:2 FTS	*6.82*		*"*	*4.76*		*143*	*40-215*				
Surrogate: M2-8:2 FTS	*7.23*		*"*	*4.80*		*151*	*40-275*				
Surrogate: M9PFNA	*1.45*		*"*	*1.25*		*116*	*40-130*				
Surrogate: M2-4:2 FTS	*6.86*		*"*	*4.69*		*146*	*40-165*				
Surrogate: d-N-MeFOSA	*2.67*		*"*	*2.50*		*107*	*10-130*				
Surrogate: d-N-EtFOSA	*2.67*		*"*	*2.50*		*107*	*10-130*				
Surrogate: M3HFPO-DA	*13.0*		*"*	*10.0*		*130*	*40-130*				
Surrogate: d9-N-EtFOSE	*27.3*		*"*	*25.0*		*109*	*15-130*				
Surrogate: d7-N-MeFOSE	*27.7*		*"*	*25.0*		*111*	*20-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50348 - EPA 3546 PPCB											
Blank (BK50348-BLK1) Blank									Prepared: 11/06/2025 Analyzed: 11/08/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0632*		"	*0.0664*		*95.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0505*		"	*0.0664*		*76.0*	*30-150*				
LCS (BK50348-BS1) LCS									Prepared: 11/06/2025 Analyzed: 11/08/2025		
4,4'-DDD	0.0311	0.00164	mg/kg wet	0.0332		93.5	40-140				
4,4'-DDE	0.0297	0.00164	"	0.0332		89.4	40-140				
4,4'-DDT	0.0302	0.00164	"	0.0332		90.9	40-140				
Aldrin	0.0301	0.00164	"	0.0332		90.5	40-140				
alpha-BHC	0.0313	0.00164	"	0.0332		94.3	40-140				
alpha-Chlordane	0.0300	0.00164	"	0.0332		90.3	40-140				
beta-BHC	0.0362	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0241	0.00164	"	0.0332		72.5	40-140				
Dieldrin	0.0308	0.00164	"	0.0332		92.6	40-140				
Endosulfan I	0.0327	0.00164	"	0.0332		98.5	40-140				
Endosulfan II	0.0334	0.00164	"	0.0332		101	40-140				
Endosulfan sulfate	0.0296	0.00164	"	0.0332		89.1	40-140				
Endrin	0.0319	0.00164	"	0.0332		96.1	40-140				
Endrin aldehyde	0.0289	0.00164	"	0.0332		87.0	40-140				
Endrin ketone	0.0312	0.00164	"	0.0332		94.0	40-140				
gamma-BHC (Lindane)	0.0314	0.00164	"	0.0332		94.4	40-140				
gamma-Chlordane	0.0301	0.00164	"	0.0332		90.7	40-140				
Heptachlor	0.0308	0.00164	"	0.0332		92.8	40-140				
Heptachlor epoxide	0.0316	0.00164	"	0.0332		95.1	40-140				
Methoxychlor	0.0284	0.00164	"	0.0332		85.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0590*		"	*0.0664*		*88.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0709*		"	*0.0664*		*107*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50348 - EPA 3546 PPCB											
Matrix Spike (BK50348-MS1) Matrix Spike	*Source sample: 25K0233-04 (SB-18_25-27)								Prepared: 11/06/2025 Analyzed: 11/08/2025		
4,4'-DDD	0.0287	0.00169	mg/kg dry	0.0341	ND	84.0	30-150				
4,4'-DDE	0.0274	0.00169	"	0.0341	ND	80.2	30-150				
4,4'-DDT	0.0276	0.00169	"	0.0341	ND	81.0	30-150				
Aldrin	0.0277	0.00169	"	0.0341	ND	81.1	30-150				
alpha-BHC	0.0292	0.00169	"	0.0341	ND	85.5	30-150				
alpha-Chlordane	0.0276	0.00169	"	0.0341	ND	80.9	30-150				
beta-BHC	0.0335	0.00169	"	0.0341	ND	98.2	30-150				
delta-BHC	0.0223	0.00169	"	0.0341	ND	65.4	30-150				
Dieldrin	0.0283	0.00169	"	0.0341	ND	83.0	30-150				
Endosulfan I	0.0292	0.00169	"	0.0341	ND	85.5	30-150				
Endosulfan II	0.0321	0.00169	"	0.0341	ND	94.1	30-150				
Endosulfan sulfate	0.0299	0.00169	"	0.0341	ND	87.5	30-150				
Endrin	0.0295	0.00169	"	0.0341	ND	86.3	30-150				
Endrin aldehyde	0.0260	0.00169	"	0.0341	ND	76.2	30-150				
Endrin ketone	0.0296	0.00169	"	0.0341	ND	86.6	30-150				
gamma-BHC (Lindane)	0.0291	0.00169	"	0.0341	ND	85.4	30-150				
gamma-Chlordane	0.0278	0.00169	"	0.0341	ND	81.3	30-150				
Heptachlor	0.0285	0.00169	"	0.0341	ND	83.6	30-150				
Heptachlor epoxide	0.0292	0.00169	"	0.0341	ND	85.6	30-150				
Methoxychlor	0.0311	0.00169	"	0.0341	ND	91.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0570*		"	*0.0683*		*83.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0664*		"	*0.0683*		*97.3*	*30-150*				
Matrix Spike Dup (BK50348- Matrix Spike Dup	*Source sample: 25K0233-04 (SB-18_25-27)								Prepared: 11/06/2025 Analyzed: 11/08/2025		
4,4'-DDD	0.0283	0.00169	mg/kg dry	0.0341	ND	83.0	30-150		1.12	30	
4,4'-DDE	0.0271	0.00169	"	0.0341	ND	79.4	30-150		1.04	30	
4,4'-DDT	0.0282	0.00169	"	0.0341	ND	82.7	30-150		2.05	30	
Aldrin	0.0275	0.00169	"	0.0341	ND	80.4	30-150		0.823	30	
alpha-BHC	0.0291	0.00169	"	0.0341	ND	85.1	30-150		0.428	30	
alpha-Chlordane	0.0274	0.00169	"	0.0341	ND	80.3	30-150		0.732	30	
beta-BHC	0.0336	0.00169	"	0.0341	ND	98.5	30-150		0.331	30	
delta-BHC	0.0221	0.00169	"	0.0341	ND	64.6	30-150		1.08	30	
Dieldrin	0.0282	0.00169	"	0.0341	ND	82.5	30-150		0.646	30	
Endosulfan I	0.0288	0.00169	"	0.0341	ND	84.5	30-150		1.21	30	
Endosulfan II	0.0316	0.00169	"	0.0341	ND	92.7	30-150		1.49	30	
Endosulfan sulfate	0.0300	0.00169	"	0.0341	ND	87.9	30-150		0.393	30	
Endrin	0.0290	0.00169	"	0.0341	ND	85.1	30-150		1.41	30	
Endrin aldehyde	0.0243	0.00169	"	0.0341	ND	71.1	30-150		6.92	30	
Endrin ketone	0.0293	0.00169	"	0.0341	ND	85.9	30-150		0.852	30	
gamma-BHC (Lindane)	0.0291	0.00169	"	0.0341	ND	85.1	30-150		0.240	30	
gamma-Chlordane	0.0275	0.00169	"	0.0341	ND	80.7	30-150		0.734	30	
Heptachlor	0.0285	0.00169	"	0.0341	ND	83.6	30-150		0.0718	30	
Heptachlor epoxide	0.0290	0.00169	"	0.0341	ND	85.1	30-150		0.627	30	
Methoxychlor	0.0312	0.00169	"	0.0341	ND	91.3	30-150		0.258	30	
Surrogate: Decachlorobiphenyl	*0.0578*		"	*0.0683*		*84.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0671*		"	*0.0683*		*98.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50347 - EPA 3546 PPCB											
Blank (BK50347-BLK1) Blank									Prepared: 11/06/2025 Analyzed: 11/07/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0598*		"	*0.0664*		*90.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0658*		"	*0.0664*		*99.0*	*30-120*				
LCS (BK50347-BS2) LCS									Prepared: 11/06/2025 Analyzed: 11/07/2025		
Aroclor 1016	0.374	0.0166	mg/kg wet	0.332		112	40-130				
Aroclor 1260	0.387	0.0166	"	0.332		117	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0532*		"	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0598*		"	*0.0664*		*90.0*	*30-120*				
Matrix Spike (BK50347-MS2) Matrix Spike	*Source sample: 25K0233-05 (SB-12_9-11)								Prepared: 11/06/2025 Analyzed: 11/07/2025		
Aroclor 1016	0.392	0.0183	mg/kg dry	0.366	ND	107	40-140				
Aroclor 1260	0.384	0.0183	"	0.366	ND	105	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0578*		"	*0.0732*		*79.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0626*		"	*0.0732*		*85.5*	*30-120*				
Matrix Spike Dup (BK50347- Matrix Spike Dup	*Source sample: 25K0233-05 (SB-12_9-11)								Prepared: 11/06/2025 Analyzed: 11/07/2025		
Aroclor 1016	0.401	0.0183	mg/kg dry	0.366	ND	109	40-140		2.18	50	
Aroclor 1260	0.405	0.0183	"	0.366	ND	111	40-140		5.32	50	
Surrogate: Tetrachloro-m-xylene	*0.0586*		"	*0.0732*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0663*		"	*0.0732*		*90.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50410 - EPA 3550C/8151A											
Blank (BK50410-BLK1) Blank										Prepared: 11/07/2025 Analyzed: 11/10/2025	
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.199*		*"*	*0.415*		*47.8*	*21-150*				
LCS (BK50410-BS1) LCS										Prepared: 11/07/2025 Analyzed: 11/10/2025	
2,4,5-T	0.0432	0.0199	mg/kg wet	0.0664		65.0	10-120				
2,4,5-TP (Silvex)	0.0465	0.0199	"	0.0664		70.0	10-120				
2,4-D	0.0424	0.0199	"	0.0664		63.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.334*		*"*	*0.415*		*80.4*	*21-150*				
Matrix Spike (BK50410-MS1) Matrix Spike *Source sample: 25K0233-04 (SB-18_25-27)										Prepared: 11/07/2025 Analyzed: 11/10/2025	
2,4,5-T	0.0700	0.0205	mg/kg dry	0.0683	ND	102	10-120				
2,4,5-TP (Silvex)	0.0666	0.0205	"	0.0683	ND	97.5	10-120				
2,4-D	0.0623	0.0205	"	0.0683	ND	91.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.361*		*"*	*0.427*		*84.6*	*21-150*				
Matrix Spike Dup (BK50410- Matrix Spike Dup *Source sample: 25K0233-04 (SB-18_25-27)										Prepared: 11/07/2025 Analyzed: 11/10/2025	
2,4,5-T	0.0700	0.0205	mg/kg dry	0.0683	ND	102	10-120		0.00	35	
2,4,5-TP (Silvex)	0.0648	0.0205	"	0.0683	ND	95.0	10-120		2.60	35	
2,4-D	0.0614	0.0205	"	0.0683	ND	90.0	10-118		1.38	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.356*		*"*	*0.427*		*83.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50482 - EPA 3050B											
Blank (BK50482-BLK1) Blank										Prepared: 11/09/2025 Analyzed: 11/10/2025	
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BK50482-SRM1) Reference										Prepared: 11/09/2025 Analyzed: 11/10/2025	
Aluminum	8120	4.17	mg/kg wet	6840		119	53.2-146.2				
Antimony	75.7	2.08	"	131		57.8	4.5-195.4				
Arsenic	206	1.25	"	192		107	81.3-118.8				
Barium	229	2.08	"	219		104	81.7-118.3				
Beryllium	166	0.042	"	146		114	82.2-117.8				
Cadmium	119	0.250	"	114		104	81.7-118.4				
Calcium	4210	4.17	"	4080		103	82.4-117.6				
Chromium	163	0.417	"	153		106	81-119				
Cobalt	252	0.333	"	231		109	83.1-117.3				
Copper	104	1.67	"	91.2		114	83.1-117.3				
Iron	6970	20.8	"	7020		99.3	60.7-139.2				
Lead	141	0.417	"	141		99.9	81.6-118.4				
Magnesium	2110	4.17	"	1900		111	76.3-123.7				
Manganese	457	0.417	"	401		114	80.8-119				
Nickel	160	0.830	"	143		112	81.8-118.9				
Potassium	2070	4.17	"	1760		118	72.2-127.8				
Selenium	98.3	2.08	"	94.7		104	78.5-121.4				
Silver	81.0	0.420	"	77.0		105	79.4-120.6				
Sodium	745	41.7	"	661		113	73.7-126.2				
Thallium	198	1.67	"	183		108	80.3-119.7				
Vanadium	168	0.830	"	159		105	78.6-122				
Zinc	304	2.08	"	292		104	79.4-120.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50493 - EPA SW846-7471B											
Blank (BK50493-BLK1) Blank									Prepared & Analyzed: 11/10/2025		
Mercury	ND	0.0330	mg/kg wet								
Reference (BK50493-SRM1) Reference									Prepared & Analyzed: 11/10/2025		
Mercury	44.6	1.65	mg/kg wet	54.6		81.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50335 - Analysis Preparation Soil												
Blank (BK50335-BLK1)	Blank								Prepared & Analyzed: 11/06/2025			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BK50335-SRM1)	Reference								Prepared & Analyzed: 11/06/2025			
Cyanide, total		101		ug/mL	111		90.6	43.5-170				
Batch BK50428 - EPA SW846-3060												
Blank (BK50428-BLK1)	Blank								Prepared & Analyzed: 11/07/2025			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BK50428-DUP1)	Duplicate	*Source sample: 25K0233-01 (SB-18_2-4)							Prepared & Analyzed: 11/07/2025			
Chromium, Hexavalent		ND	0.543	mg/kg dry		ND					35	
Matrix Spike (BK50428-MS1)	Matrix Spike	*Source sample: 25K0233-01 (SB-18_2-4)							Prepared & Analyzed: 11/07/2025			
Chromium, Hexavalent		19.2	0.543	mg/kg dry	21.7	ND	88.6	75-125				
Matrix Spike Dup (BK50428-	Matrix Spike Dup	*Source sample: 25K0233-01 (SB-18_2-4)							Prepared & Analyzed: 11/07/2025			
Chromium, Hexavalent		18.7	0.543	mg/kg dry	21.7	ND	86.0	75-125		2.99	200	
Reference (BK50428-SRM1)	Reference								Prepared & Analyzed: 11/07/2025			
Chromium, Hexavalent		146		mg/L	214		68.0	57.9-107.9				

Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
JS	[Undefined]
Ja	J=Estimated Below RL
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

RI

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number: 25K0233

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Avenue, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: See PO Specific Quote

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Olivia O'Donnell
Laurel Winslow

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY X, CT, NJ, PA, Other: (please specify)

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	TAL Metals (include hex- and tri- chromium)	Cyanide	PFAS	1,4-Dioxane	Total Mercury	TO-15 VOCs			Grab or Comp. G/C
SB-18_2-4	11/5/25	0945	S											X	X	X	X	X		X					
SB-18-10-12		10:50	S											X	X	X	X	X		X					
SB-12_2-4		1155	S											X	X	X	X	X		X					
SB-18-25-27		14:35	S											X	X	X	X	X		X					
SB-12_9-11		12:45	S											X	X	X	X	X		X					
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X
- PFAS Standard 7-10 Day

Report Type (circle)

QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle)

EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Please include tgoodnough@langan.com datamanagement@langan.com

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1. Sa	Olivia O'Donnell/Langan	11/5/25 15:30	1. Samples Received by / Company	11/5/25 15:38
2. Sa			2. Samples Relinquished by / Company	11/5/25 16:25
3. Sa	3. Samples Relinquished by / Company	11/5/25 16:25 3.8	3. Samples Received by / Company	11/5/25 18:45
4. Sa	4. Samples Relinquished by / Company	11/5/25	4. Samples Received by / Company	

Samples Received in LAB by: Date/Time: 11/5/25 21:10 Temperature: 3.9 Degrees C

RI

Field Chain-of-Custody Record

RI

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number: 2540233

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Avenue, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: Same as pg 1

Samples Collected From: NY X CT; NJ; PA; Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Olivia O'Donnell OOD
-Laurel Winslow

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PFAS	Grab or Comp. G/C
SB-18_2-4	11/5/25	09:45	S											X	
SB-18_10-12		10:50	S											X	
SB-12_2-4		11:55	S											X	
SB-18_25-27		14:36	S											X	
SB-12_9-11		12:45	S											X	
			S												
			S												
			S												
			S												
			S												
			S												
			S												
			S												
			S												
			S												
			S												

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Same as page 1

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1. Sa	via O'Donnell/Langan	11/5/25 15:30	1. Samples Received by / Company	11/5/25 1538
2. Sa			3. Samples Relinquished by / Company	11/5/25
4. Sa			4. Samples Received by / Company	

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1. Samples Relinquished by / Company			2. Samples Received by / Company	11/5/25 16:25
2. Samples Received by / Company	11/5/25 16:25	3.8	3. Samples Received by / Company	11/5/25 18:45
3. Samples Relinquished by / Company	11/5/25		Samples Received in LAB by	11/5/25 21:10 Temperature 3.9 Degrees C

PHOENIX
Environmental Laboratories, Inc.

Sunday, November 09, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25K0233
SDG ID: GCU68377
Sample ID#s: CU68377 - CU68381

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

November 09, 2025

SDG I.D.: GCU68377

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 09, 2025

SDG I.D.: GCU68377

Project ID: 25K0233

Client Id	Lab Id	Matrix	Col Date
SB-18_2-4	CU68377	SOIL	11/05/25 9:45
SB-18_10-12	CU68378	SOIL	11/05/25 10:54
SB-12_2-4	CU68379	SOIL	11/05/25 11:55
SB-18_25-27	CU68380	SOIL	11/05/25 14:38
SB-12_9-11	CU68381	SOIL	11/05/25 12:45

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OO	11/05/25	9:45
Location Code:	YORK-VOC	Received by:	B	11/06/25	13:10
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	25K0233				

Laboratory Data

SDG ID: GCU68377
Phoenix ID: CU68377

Project ID: 25K0233
Client ID: SB-18_2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93			%		11/06/25	cv	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
2-Hexanone	ND	0.032	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.032	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
Acetone	0.04 JS	0.05	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
Benzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Bromochloromethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Bromodichloromethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromoform	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromomethane	ND	0.0065	0.0026	mg/Kg	1	11/07/25	JLI	SW8260D

Project ID: 25K0233
Client ID: SB-18_2-4

Phoenix I.D.: CU68377

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Chlorobenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroform	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Chloromethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Cyclohexane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromochloromethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromomethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Ethylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Isopropylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
m&p-Xylene	0.0014	J 0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl ethyl ketone	0.0094	J 0.039	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylacetate	ND	0.065	0.065	mg/Kg	1	11/07/25	JLI	SW8260D
Methylcyclohexane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylene chloride	ND	0.032	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
n-Butylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
n-Propylbenzene	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
o-Xylene	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
p-Isopropyltoluene	0.00066	J 0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Styrene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Tetrachloroethene	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Toluene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Total Xylenes	ND	0.0065	0.0065	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0032	mg/Kg	1	11/07/25	JLI	SW8260D
Trichloroethene	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Vinyl chloride	ND	0.0065	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	11/07/25	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	11/07/25	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/07/25	JLI	70 - 130 %
% Toluene-d8	84			%	1	11/07/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.026	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrolein	ND	0.0065	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrylonitrile	ND	0.026	0.00065	mg/Kg	1	11/07/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.026	mg/Kg	1	11/07/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

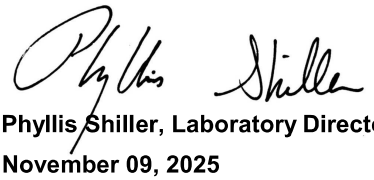
Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OO	11/05/25	10:54
Location Code:	YORK-VOC	Received by:	B	11/06/25	13:10
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	25K0233				

Laboratory Data

SDG ID: GCU68377
Phoenix ID: CU68378

Project ID: 25K0233
Client ID: SB-18_10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90			%		11/06/25	cv	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
2-Hexanone	ND	0.033	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.033	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Acetone	ND	0.05	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Benzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Bromochloromethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Bromodichloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromoform	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromomethane	ND	0.0067	0.0027	mg/Kg	1	11/07/25	JLI	SW8260D

Project ID: 25K0233
Client ID: SB-18_10-12

Phoenix I.D.: CU68378

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Chlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroform	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Cyclohexane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromochloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromomethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Ethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Isopropylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
m&p-Xylene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.04	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylacetate	ND	0.067	0.067	mg/Kg	1	11/07/25	JLI	SW8260D
Methylcyclohexane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylene chloride	ND	0.033	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
n-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
n-Propylbenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
o-Xylene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Styrene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Tetrachloroethene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Toluene	0.0017 J	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Total Xylenes	ND	0.0067	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0033	mg/Kg	1	11/07/25	JLI	SW8260D
Trichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Vinyl chloride	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	11/07/25	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/07/25	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/07/25	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/07/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.027	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrolein	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrylonitrile	ND	0.027	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.027	mg/Kg	1	11/07/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

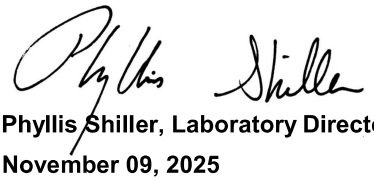
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OO	11/05/25	11:55
Location Code:	YORK-VOC	Received by:	B	11/06/25	13:10
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	25K0233				

Laboratory Data

SDG ID: GCU68377
Phoenix ID: CU68379

Project ID: 25K0233
Client ID: SB-12_2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94			%		11/06/25	cv	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
2-Hexanone	ND	0.034	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.034	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Acetone	ND	0.05	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Benzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Bromochloromethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Bromodichloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromoform	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromomethane	ND	0.0067	0.0027	mg/Kg	1	11/07/25	JLI	SW8260D

Project ID: 25K0233
Client ID: SB-12_2-4

Phoenix I.D.: CU68379

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Chlorobenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroform	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Chloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Cyclohexane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromochloromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromomethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Ethylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Isopropylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
m&p-Xylene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.04	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylacetate	ND	0.067	0.067	mg/Kg	1	11/07/25	JLI	SW8260D
Methylcyclohexane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylene chloride	ND	0.034	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
n-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
n-Propylbenzene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
o-Xylene	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Styrene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Tetrachloroethene	0.0031 J	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Toluene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Total Xylenes	ND	0.0067	0.0067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0034	mg/Kg	1	11/07/25	JLI	SW8260D
Trichloroethene	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Vinyl chloride	ND	0.0067	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/07/25	JLI	70 - 130 %
% Bromofluorobenzene	85			%	1	11/07/25	JLI	70 - 130 %
% Dibromofluoromethane	107			%	1	11/07/25	JLI	70 - 130 %
% Toluene-d8	86			%	1	11/07/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.027	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrolein	ND	0.0067	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrylonitrile	ND	0.027	0.00067	mg/Kg	1	11/07/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.027	mg/Kg	1	11/07/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

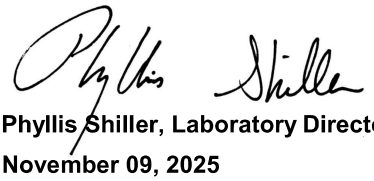
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
November 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OO	11/05/25	14:38
Location Code:	YORK-VOC	Received by:	B	11/06/25	13:10
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	25K0233				

Laboratory Data

SDG ID: GCU68377
Phoenix ID: CU68380

Project ID: 25K0233
Client ID: SB-18_25-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98			%		11/06/25	cv	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
2-Hexanone	ND	0.032	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.032	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
Acetone	ND	0.05	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
Benzene	0.0015	J 0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Bromochloromethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Bromodichloromethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromoform	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Bromomethane	ND	0.0064	0.0026	mg/Kg	1	11/07/25	JLI	SW8260D

Project ID: 25K0233
Client ID: SB-18_25-27

Phoenix I.D.: CU68380

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Chlorobenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroform	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Chloromethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Cyclohexane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromochloromethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromomethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Ethylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Isopropylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
m&p-Xylene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.038	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylacetate	ND	0.064	0.064	mg/Kg	1	11/07/25	JLI	SW8260D
Methylcyclohexane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Methylene chloride	ND	0.032	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
n-Butylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
n-Propylbenzene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
o-Xylene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Styrene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Tetrachloroethene	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Toluene	0.0035 J	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Total Xylenes	ND	0.0064	0.0064	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.013	0.0032	mg/Kg	1	11/07/25	JLI	SW8260D
Trichloroethene	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Vinyl chloride	ND	0.0064	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	11/07/25	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/07/25	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/07/25	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/07/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.026	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrolein	ND	0.0064	0.0013	mg/Kg	1	11/07/25	JLI	SW8260D
Acrylonitrile	ND	0.026	0.00064	mg/Kg	1	11/07/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.13	0.026	mg/Kg	1	11/07/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

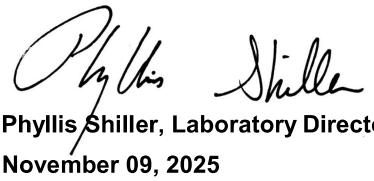
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director
November 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 09, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OO	11/05/25	12:45
Location Code:	YORK-VOC	Received by:	B	11/06/25	13:10
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	25K0233				

Laboratory Data

SDG ID: GCU68377
Phoenix ID: CU68381

Project ID: 25K0233
Client ID: SB-12_9-11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90			%		11/06/25	cv	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
2-Hexanone	ND	0.025	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.025	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
Acetone	ND	0.05	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
Benzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Bromochloromethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Bromodichloromethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Bromoform	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Bromomethane	ND	0.0051	0.002	mg/Kg	1	11/07/25	JLI	SW8260D

Project ID: 25K0233
Client ID: SB-12_9-11

Phoenix I.D.: CU68381

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Chlorobenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Chloroform	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Chloromethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Cyclohexane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromochloromethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Dibromomethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Ethylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Isopropylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
m&p-Xylene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.03	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.01	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Methylacetate	ND	0.051	0.051	mg/Kg	1	11/07/25	JLI	SW8260D
Methylcyclohexane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Methylene chloride	ND	0.025	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
n-Butylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
n-Propylbenzene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
o-Xylene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Styrene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Tetrachloroethene	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Toluene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Total Xylenes	ND	0.0051	0.0051	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.01	0.0025	mg/Kg	1	11/07/25	JLI	SW8260D
Trichloroethene	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Vinyl chloride	ND	0.0051	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	11/07/25	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/07/25	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/07/25	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/07/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.02	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Acrolein	ND	0.0051	0.001	mg/Kg	1	11/07/25	JLI	SW8260D
Acrylonitrile	ND	0.02	0.00051	mg/Kg	1	11/07/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.1	0.02	mg/Kg	1	11/07/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

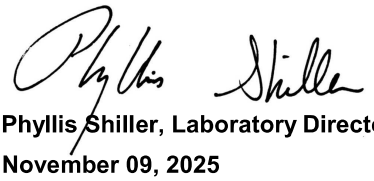
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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Phyllis Shiller, Laboratory Director
November 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 09, 2025

QA/QC Data

SDG I.D.: GCU68377

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 812860 (mg/Kg), QC Sample No: CU68201 (CU68377, CU68378, CU68379, CU68380, CU68381)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	105	108	2.8	100	104	3.9	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	97	100	3.0	93	97	4.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	106	108	1.9	109	115	5.4	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	103	106	2.9	93	93	0.0	70 - 130	30	
1,1-Dichloroethane	ND	0.005	95	97	2.1	91	95	4.3	70 - 130	30	
1,1-Dichloroethene	ND	0.005	93	96	3.2	91	98	7.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	112	115	2.6	61	65	6.3	70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	100	101	1.0	99	109	9.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	112	113	0.9	66	71	7.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	105	106	0.9	99	107	7.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	110	118	7.0	95	113	17.3	70 - 130	30	
1,2-Dibromoethane	ND	0.005	102	105	2.9	94	98	4.2	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	108	110	1.8	94	101	7.2	70 - 130	30	
1,2-Dichloroethane	ND	0.005	99	101	2.0	92	95	3.2	70 - 130	30	
1,2-Dichloropropane	ND	0.005	101	102	1.0	97	100	3.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	105	106	0.9	100	110	9.5	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	107	107	0.0	93	100	7.3	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	111	110	0.9	96	103	7.0	70 - 130	30	
2-Hexanone	ND	0.025	95	96	1.0	85	88	3.5	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	97	100	3.0	88	88	0.0	70 - 130	30	
Acetone	ND	0.01	83	87	4.7	192	192	0.0	70 - 130	30	m
Acrolein	ND	0.025	106	106	0.0	14	16	13.3	70 - 130	30	m
Acrylonitrile	ND	0.005	94	97	3.1	82	85	3.6	70 - 130	30	
Benzene	ND	0.001	99	100	1.0	95	98	3.1	70 - 130	30	
Bromochloromethane	ND	0.005	96	98	2.1	89	92	3.3	70 - 130	30	
Bromodichloromethane	ND	0.005	104	106	1.9	95	99	4.1	70 - 130	30	
Bromoform	ND	0.005	106	108	1.9	91	98	7.4	70 - 130	30	
Bromomethane	ND	0.005	101	103	2.0	91	98	7.4	70 - 130	30	
Carbon Disulfide	ND	0.005	97	97	0.0	92	97	5.3	70 - 130	30	
Carbon tetrachloride	ND	0.005	96	100	4.1	90	97	7.5	70 - 130	30	
Chlorobenzene	ND	0.005	102	104	1.9	97	102	5.0	70 - 130	30	
Chloroethane	ND	0.005	99	102	3.0	93	98	5.2	70 - 130	30	
Chloroform	ND	0.005	92	94	2.2	88	92	4.4	70 - 130	30	
Chloromethane	ND	0.005	109	110	0.9	88	92	4.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	100	102	2.0	91	95	4.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	108	109	0.9	92	95	3.2	70 - 130	30	
Cyclohexane	ND	0.005	90	92	2.2	84	90	6.9	70 - 130	30	
Dibromochloromethane	ND	0.003	105	106	0.9	99	104	4.9	70 - 130	30	
Dibromomethane	ND	0.005	104	107	2.8	94	98	4.2	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	128	126	1.6	85	90	5.7	70 - 130	30	
Ethylbenzene	ND	0.001	102	103	1.0	97	103	6.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCU68377

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	0.005	117	115	1.7	63	75	17.4	70 - 130	30	m
Isopropylbenzene	ND	0.001	103	105	1.9	108	121	11.4	70 - 130	30	
m&p-Xylene	ND	0.002	100	100	0.0	94	99	5.2	70 - 130	30	
Methyl ethyl ketone	ND	0.005	89	91	2.2	99	101	2.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	100	101	1.0	90	92	2.2	70 - 130	30	
Methylacetate	ND	0.005	94	116	21.0	112	112	0.0	70 - 130	30	
Methylcyclohexane	ND	0.005	97	96	1.0	82	88	7.1	70 - 130	30	
Methylene chloride	ND	0.005	88	90	2.2	86	89	3.4	70 - 130	30	
n-Butylbenzene	ND	0.001	113	112	0.9	88	100	12.8	70 - 130	30	
n-Propylbenzene	ND	0.001	106	107	0.9	105	118	11.7	70 - 130	30	
o-Xylene	ND	0.002	101	101	0.0	96	101	5.1	70 - 130	30	
p-Isopropyltoluene	ND	0.001	107	107	0.0	95	106	10.9	70 - 130	30	
sec-Butylbenzene	ND	0.001	103	104	1.0	94	107	12.9	70 - 130	30	
Styrene	ND	0.005	101	103	2.0	88	92	4.4	70 - 130	30	
tert-butyl alcohol	ND	0.1	98	93	5.2	101	112	10.3	70 - 130	30	
tert-Butylbenzene	ND	0.001	103	105	1.9	101	112	10.3	70 - 130	30	
Tetrachloroethene	ND	0.005	103	104	1.0	96	99	3.1	70 - 130	30	
Toluene	ND	0.001	103	102	1.0	95	100	5.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	97	113	15.2	102	109	6.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	112	113	0.9	90	93	3.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	113	117	3.5	91	102	11.4	70 - 130	30	
Trichloroethene	ND	0.005	99	100	1.0	95	99	4.1	70 - 130	30	
Trichlorofluoromethane	ND	0.005	98	100	2.0	92	98	6.3	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	103	103	0.0	94	99	5.2	70 - 130	30	
Vinyl chloride	ND	0.005	103	106	2.9	90	96	6.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	93	%	102	102	0.0	99	101	2.0	70 - 130	30	
% Bromofluorobenzene	98	%	97	98	1.0	92	93	1.1	70 - 130	30	
% Dibromofluoromethane	99	%	102	98	4.0	99	100	1.0	70 - 130	30	
% Toluene-d8	92	%	102	102	0.0	100	101	1.0	70 - 130	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 09, 2025

Sunday, November 09, 2025

Criteria: NY: 375GWP

State: NY

Sample Criteria Exceedances Report

GCU68377 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 09, 2025

SDG I.D.: GCU68377

The samples in this delivery group were received at 7.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

7.5c
WC

YORK
Analytical Laboratories, Inc.

11/5/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0233

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: SB-18_2-4 68377 **York Ref: 25K0233-01**

Matrix: Soil **Date Sampled :** 11/05/2025 09:45

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/13/2025 19:00	11/19/2025 09:45	Volatiles, 8260 Comprehensive

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: SB-18_10-12 68378 **York Ref: 25K0233-02**

Matrix: Soil **Date Sampled :** 11/05/2025 10:54

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/13/2025 19:00	11/19/2025 10:54	Volatiles, 8260 Comprehensive

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: 25K0233

Samples from State of: **NY**
Collected by: Olivia O'Donnell

Deliverables required: NY ASP B Package

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	11/5/2025	Emily S	11/6/25 1310
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

7.5°C
WCi

YORK
Analytical Laboratories, Inc.

11/5/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0233

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB-12_2-4 608379 **York Ref: 25K0233-03**

Matrix: Soil **Date Sampled :** 11/05/2025 11:55

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/13/2025 19:00	11/19/2025 11:55	Volatiles, 8260 Comprehensive

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: SB-18_25-27 608380 **York Ref: 25K0233-04**

Matrix: Soil **Date Sampled :** 11/05/2025 14:38

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/13/2025 19:00	11/19/2025 14:38	Volatiles, 8260 Comprehensive

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: SB-12_9-11 608381 **York Ref: 25K0233-05**

Matrix: Soil **Date Sampled :** 11/05/2025 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/13/2025 19:00	11/19/2025 12:45	Volatiles, 8260 Comprehensive

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: 25K0233

Samples from State of: NY
Collected by: Olivia O'Donnell

Deliverables required: NY ASP B Package

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	11/5/2025	[signature]	11/6/25 1310
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 11/24/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0346

Report Date: 11/24/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0346

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 06, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

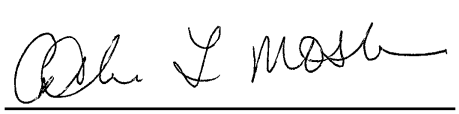
Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0346-01	SOFB01_110625	Water	11/06/2025	11/06/2025
25K0346-02	SB-12_24-26	Soil	11/06/2025	11/06/2025
25K0346-03	SB-14_0-2	Soil	11/06/2025	11/06/2025
25K0346-04	SOTB01_110625	Water	11/06/2025	11/06/2025
25K0346-05	SB-14_10-12	Soil	11/06/2025	11/06/2025
25K0346-06	SB-14_25-27	Soil	11/06/2025	11/06/2025
25K0346-07	SB-11_0-2	Soil	11/06/2025	11/06/2025
25K0346-08	SB-11_10-12	Soil	11/06/2025	11/06/2025
25K0346-09	SODUP01_110625	Soil	11/06/2025	11/06/2025

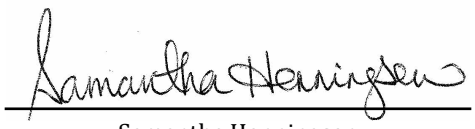
General Notes for York Project (SDG) No.: 25K0346

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie Mosher
Laboratory Manager - Stratford



Samantha Henningsen
Laboratory Director - Queens

Date: 11/24/2025

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	**Acetone**	**1.55**	J	ug/L	1.34	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CAL-E	ug/L	0.447	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**19.5**		ug/L	0.243	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/14/2025 15:54	11/14/2025 22:25	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-57-6	2-Methylnaphthalene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
78-59-1	Isophorone	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/09/2025 07:00	11/10/2025 22:26	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.5 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.6 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.2 %*	S-08		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.6 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.0 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.8 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/07/2025 09:44	11/10/2025 17:22	ak
							Certifications: NJDEP-CT005,NYSDOH-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*108 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270E SIM	11/09/2025 07:00	11/10/2025 19:52	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
67-72-1	* Hexachloroethane	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
98-95-3	* Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
62-75-9	* N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270E SIM Certifications:	11/09/2025 07:00	11/10/2025 19:52	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/09/2025 07:00	11/10/2025 19:52	SR

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.60	1.77	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.499	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.699	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.888	1.83	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.998	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.68**	J	ng/L	0.758	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.988	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.898**	J	ng/L	0.569	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**17.1**		ng/L	0.709	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.599	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**5.39**		ng/L	1.20	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.58	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.499	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.99	4.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.888	3.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.369	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.309	1.91	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**8.46**		ng/L	0.619	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.99	7.58	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.25	7.66	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.63	7.98	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.499	3.55	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.99	3.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.699	3.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.40	3.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.749	1.88	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.81	7.49	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.99	7.98	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.23	7.54	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.74	7.47	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
919005-14-4	ADONA	ND		ng/L	2.96	7.54	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.888	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
68259-12-1	**Perfluoro-1-nonanesulfonic acid (PFNS)**	**2.43**		ng/L	0.749	1.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.36	9.98	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.0	49.9	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.0	49.9	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.09	20.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
31506-32-8	**N-MeFOSA**	**11.1**		ng/L	2.00	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.27	20.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.05	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/11/2025 12:04	11/14/2025 09:18	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*113 %*	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*107 %*	*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*	*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*104 %*	*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.3 %*	*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*102 %*	*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*114 %*	*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*118 %*	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*115 %*	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*112 %*	*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*	*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*149 %*	*40-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*167 %*	*40-300*
13C9PFNA	*Surrogate: M9PFNA*	*121 %*	*40-130*

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*93.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*98.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*112 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*99.3 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	11/08/2025 07:13	11/09/2025 17:55	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	11/08/2025 07:11	11/09/2025 20:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	11/09/2025 07:00	11/10/2025 13:33	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	11/09/2025 07:00	11/10/2025 13:33	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	11/09/2025 07:00	11/10/2025 13:33	gxb
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*91.4 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/11/2025 07:34	11/11/2025 07:34	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.556	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-70-2	Calcium	ND		mg/L	0.556	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7439-92-1	Lead	ND		mg/L	0.007	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SOFB01_110625 **York Sample ID:** 25K0346-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 8:00 am	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.067	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.007	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-23-5	**Sodium**	**1.26**		mg/L	1.11	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D	11/10/2025 11:25	11/11/2025 14:45	AGNR
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016	11/10/2025 14:59	11/10/2025 21:30	JS
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	11/07/2025 20:24	11/07/2025 20:30	sml
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/11/2025 19:27	11/11/2025 19:28	AA
							Certifications:			

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-86-2	Acetophenone	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.167	0.333	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	Anthracene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
1912-24-9	Atrazine	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.167	0.333	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0465**	J	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0832	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	Pyrene	ND		mg/kg dry	0.0417	0.0832	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.167	0.333	2	EPA 8270E	11/07/2025 09:52	11/08/2025 01:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*33.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 16:10	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.393	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0705	0.178	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0504	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0705	0.184	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0705	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0705	0.187	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.141	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0806	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.111	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0806	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.111	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0806	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.504	0.504	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0806	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0302	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0705	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0604	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.181	0.765	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-LCS-L	ug/kg dry	0.161	0.774	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.161	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0604	0.359	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0403	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.121	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0705	0.189	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.222	0.755	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.232	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.222	0.761	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.272	0.753	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
919005-14-4	ADONA	ND	PF-LCS-L	ug/kg dry	0.262	0.761	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.151	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.322	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.735	5.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.947	5.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.735	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.131	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.463	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 01:33	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0906	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:16	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*128 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*124 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*125 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*130 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*128 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*114 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*97.3 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*117 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*121 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*125 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*113 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*136 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*126 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*142 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*95.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*87.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*97.5 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*102 %*			*20-130*						

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.165	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0330	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:18	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*96.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	11/07/2025 09:45	11/08/2025 05:54	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0198	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:01	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0198	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:01	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0198	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:01	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*78.6 %*			*21-150*					

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0302	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3550**		mg/kg dry	4.20	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.10	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		mg/kg dry	1.26	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**18.3**		mg/kg dry	2.09	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.065**		mg/kg dry	0.042	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.252	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**7230**		mg/kg dry	4.20	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**10.3**		mg/kg dry	0.420	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**2.77**		mg/kg dry	0.335	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**9.32**		mg/kg dry	1.68	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**9020**		mg/kg dry	21.0	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**5.63**		mg/kg dry	0.420	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**3130**		mg/kg dry	4.20	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**166**		mg/kg dry	0.420	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**6.43**		mg/kg dry	0.836	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**575**		mg/kg dry	4.20	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.10	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.423	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**202**		mg/kg dry	42.0	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.68	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**14.9**		mg/kg dry	0.836	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**13.8**		mg/kg dry	2.09	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:15	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.504	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.504	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.3**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.3**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0017	0.033	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
95-63-6	**1,2,4-Trimethylbenzene**	**0.0015**	Ja	mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
108-67-8	**1,3,5-Trimethylbenzene**	**0.00089**	Ja	mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0084	0.042	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0084	0.042	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0084	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00084	0.033	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
71-43-2	Benzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0033	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
179601-23-1	**m&p-Xylene**	**0.0037**	Ja	mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0084	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0017	0.017	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.084	0.084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0084	0.042	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
95-47-6	**o-Xylene**	**0.0021**	Ja	mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
100-42-5	Styrene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.033	0.17	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
127-18-4	**Tetrachloroethene**	**0.0024**	Ja	mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
108-88-3	Toluene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007

Sample Information

Client Sample ID: SB-12_24-26 **York Sample ID:** 25K0346-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 8:45 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0042	0.017	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0017	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00084	0.0084	1	SW8260D Certifications: NY-11301	11/06/2025 08:45	11/11/2025 00:15	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*97 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*87 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*105 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*85 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**98**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 08:45	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	**Acenaphthene**	**0.206**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.0812**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.602**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.175	0.351	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**2.16**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**1.68**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**1.65**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.988**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**1.42**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	**Carbazole**	**0.345**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**2.14**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.380**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	**Dibenzofuran**	**0.104**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	**Di-n-butyl phthalate**	**0.567**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**5.08**		mg/kg dry	0.220	0.438	10	EPA 8270E	11/07/2025 09:52	11/14/2025 10:33	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	**Fluorene**	**0.184**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.971**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.0658**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	**Phenanthrene**	**2.59**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	**Pyrene**	**4.07**		mg/kg dry	0.220	0.438	10	EPA 8270E	11/07/2025 09:52	11/14/2025 10:33	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	11/07/2025 09:52	11/11/2025 20:48	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 16:27	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:33	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:08	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:07	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:07	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:07	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*93.4 %*			*21-150*					

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.574**		mg/kg dry	0.0323	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	4.48	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**8.49**		mg/kg dry	1.34	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**68.9**		mg/kg dry	2.24	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.291**		mg/kg dry	0.045	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.358**		mg/kg dry	0.269	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**9120**		mg/kg dry	4.48	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.448	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.36**		mg/kg dry	0.358	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**64.3**		mg/kg dry	1.79	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**18400**		mg/kg dry	22.4	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**117**		mg/kg dry	0.448	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**3580**		mg/kg dry	4.48	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**401**		mg/kg dry	0.448	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**15.9**		mg/kg dry	0.892	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1140**		mg/kg dry	4.48	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**114**		mg/kg dry	44.8	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**29.4**		mg/kg dry	0.892	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**112**		mg/kg dry	2.23	1	EPA 6010D	11/11/2025 14:39	11/12/2025 10:17	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.538	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.5**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.025	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0062	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00062	0.025	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
71-43-2	Benzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0025	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0062	0.037	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0012	0.012	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.062	0.062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0062	0.031	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
100-42-5	Styrene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.025	0.12	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
127-18-4	**Tetrachloroethene**	**0.0017**	Ja	mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
108-88-3	**Toluene**	**0.00081**	Ja	mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007

Sample Information

Client Sample ID: SB-14_0-2 **York Sample ID:** 25K0346-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 10:22 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0031	0.012	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0012	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00062	0.0062	1	SW8260D Certifications: NY-11301	11/06/2025 10:22	11/11/2025 00:35	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*99 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*91 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*101 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*89 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**92**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 10:22	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SOTB01_110625 **York Sample ID:** 25K0346-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 12:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOTB01_110625 **York Sample ID:** 25K0346-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 12:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CAL-E	ug/L	0.447	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	**Chloromethane**	**0.480**	CCVE, J	ug/L	0.372	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SOTB01_110625 **York Sample ID:** 25K0346-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 12:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04-		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: SOTB01_110625 **York Sample ID:** 25K0346-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Water	November 6, 2025 12:00 am	11/06/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/14/2025 15:54	11/14/2025 20:02	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.186	0.371	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:11	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 16:44	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

Pesticides, 8081 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	11/07/2025 09:47	11/09/2025 13:49	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:22	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:14	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:14	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:14	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*68.2 %*			*21-150*					

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0781**		mg/kg dry	0.0338	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17300**		mg/kg dry	4.69	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.35	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.41	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**53.5**		mg/kg dry	2.34	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.194**		mg/kg dry	0.047	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**1350**		mg/kg dry	4.69	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**31.8**		mg/kg dry	0.470	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**7.02**		mg/kg dry	0.375	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**11.3**		mg/kg dry	1.88	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**21500**		mg/kg dry	23.5	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**6.52**		mg/kg dry	0.470	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2730**		mg/kg dry	4.70	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**220**		mg/kg dry	0.470	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.935	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1000**		mg/kg dry	4.70	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-22-4	Silver	ND		mg/kg dry	0.473	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**73.2**		mg/kg dry	46.9	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**35.7**		mg/kg dry	0.935	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**32.7**		mg/kg dry	2.34	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:11	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.563	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.563	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**31.8**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0014	0.028	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.007	0.035	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.007	0.035	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.007	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.0007	0.028	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
71-43-2	Benzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0028	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.007	0.042	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0014	0.014	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.07	0.07	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-09-2	**Methylene chloride**	**0.0088**	JS	mg/Kg	0.007	0.035	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
100-42-5	Styrene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.028	0.14	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
108-88-3	**Toluene**	**0.0017**	Ja	mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007

Sample Information

Client Sample ID: SB-14_10-12 **York Sample ID:** 25K0346-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 11:15 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0035	0.014	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0014	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0007	0.007	1	SW8260D Certifications: NY-11301	11/06/2025 11:15	11/11/2025 00:55	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*99 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*94 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*97 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*89 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**87**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 11:15	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-86-2	Acetophenone	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.166	0.332	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	Anthracene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
1912-24-9	Atrazine	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.166	0.332	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
56-55-3	**Benzo(a)anthracene**	**0.0544**	J	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
50-32-8	**Benzo(a)pyrene**	**0.0451**	J	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
205-99-2	**Benzo(b)fluoranthene**	**0.0445**	J	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.0518**	J	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	**Di-n-butyl phthalate**	**0.102**		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0830	0.166	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**0.0929**		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**0.0518**	J	mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**0.0869**		mg/kg dry	0.0416	0.0830	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.166	0.332	2	EPA 8270E	11/07/2025 09:52	11/08/2025 02:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*37.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 17:02	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.396	0.406	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0711	0.180	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0508	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0711	0.186	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0711	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0711	0.189	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.142	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0812	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.112	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0812	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.112	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.132	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0812	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.508	0.508	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0812	0.406	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0305	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0711	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0609	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.183	0.772	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.162	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.162	0.812	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0609	0.361	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0406	0.406	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.406	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0711	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.223	0.762	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.234	0.812	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.223	0.768	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.274	0.759	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
919005-14-4	ADONA	ND		ug/kg dry	0.264	0.768	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.152	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.325	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.741	5.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.954	5.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.741	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.132	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.467	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0914	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:31	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*130 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*119 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*123 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*123 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*119 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*108 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*115 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*118 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*120 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*117 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*133 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*132 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*143 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*98.8 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*92.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*93.7 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*102 %*			*20-130*						

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:04	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:20	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:20	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:20	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*86.2 %*			*21-150*					

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0563**		mg/kg dry	0.0305	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5070**		mg/kg dry	4.23	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**1.88**		mg/kg dry	1.27	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**35.0**		mg/kg dry	2.11	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.054**		mg/kg dry	0.043	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.254	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**2870**		mg/kg dry	4.23	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**11.8**		mg/kg dry	0.423	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.35**		mg/kg dry	0.338	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**15.7**		mg/kg dry	1.69	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**12700**		mg/kg dry	21.2	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**16.3**		mg/kg dry	0.423	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2290**		mg/kg dry	4.23	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**259**		mg/kg dry	0.423	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**8.94**		mg/kg dry	0.843	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**941**		mg/kg dry	4.23	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-22-4	Silver	ND		mg/kg dry	0.426	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**181**		mg/kg dry	42.3	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**17.9**		mg/kg dry	0.843	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**47.2**		mg/kg dry	2.11	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:12	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.508	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.508	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.8**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.5**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.00099	0.02	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0049	0.025	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0049	0.025	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0049	0.049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
107-02-8	Acrolein	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00049	0.02	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
71-43-2	**Benzene**	**0.0011**	Ja	mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-25-2	Bromoform	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.002	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0049	0.03	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.00099	0.0099	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.049	0.049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0049	0.025	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
100-42-5	Styrene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.02	0.099	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
108-88-3	**Toluene**	**0.0048**	Ja	mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007

Sample Information

Client Sample ID: SB-14_25-27 **York Sample ID:** 25K0346-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:08 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0025	0.0099	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.00099	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00049	0.0049	1	SW8260D Certifications: NY-11301	11/06/2025 13:08	11/11/2025 01:15	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*95 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*95 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*101 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*89 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**98**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 13:08	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
83-32-9	**Acenaphthene**	**0.0485**	J	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
208-96-8	**Acenaphthylene**	**0.0596**	J	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.347	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	**Anthracene**	**0.143**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.174	0.347	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
56-55-3	**Benzo(a)anthracene**	**0.603**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
50-32-8	**Benzo(a)pyrene**	**0.588**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
205-99-2	**Benzo(b)fluoranthene**	**0.624**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
191-24-2	**Benzo(g,h,i)perylene**	**0.345**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
207-08-9	**Benzo(k)fluoranthene**	**0.482**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	**Carbazole**	**0.0478**	J	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.618**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.116**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**1.27**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.307**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
85-01-8	**Phenanthrene**	**0.495**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
129-00-0	**Pyrene**	**1.02**		mg/kg dry	0.0434	0.0867	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.347	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:19	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 17:19	ak
							Certifications: NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.415	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0744	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0532	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0744	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.132**	J	ug/kg dry	0.0744	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.400**		ug/kg dry	0.0744	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.149	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0851	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.532	0.532	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0851	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0319	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0744	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0638	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.191	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.170	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.170	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0638	0.379	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0425	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.425	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0744	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.234	0.798	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.245	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.234	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.287	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
919005-14-4	ADONA	ND		ug/kg dry	0.277	0.804	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.340	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.776	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.00	5.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.776	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.138	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.489	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0957	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 02:45	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*125 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*116 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*128 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*125 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*115 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*96.4 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*111 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*122 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*118 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*116 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*117 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*94.6 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*91.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*126 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*98.7 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*105 %*			*20-130*						

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:19	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*84.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*95.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	11/07/2025 09:45	11/08/2025 06:49	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:26	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*88.6 %*			*21-150*					

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.47**		mg/kg dry	0.0319	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8370**		mg/kg dry	4.43	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**9.65**		mg/kg dry	1.33	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**109**		mg/kg dry	2.21	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.692**		mg/kg dry	0.045	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.585**		mg/kg dry	0.266	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**7320**		mg/kg dry	4.43	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.444	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**7.79**		mg/kg dry	0.354	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**157**		mg/kg dry	1.77	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**18500**		mg/kg dry	22.2	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**237**		mg/kg dry	0.444	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2400**		mg/kg dry	4.44	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**272**		mg/kg dry	0.444	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**18.9**		mg/kg dry	0.883	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1000**		mg/kg dry	4.44	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**280**		mg/kg dry	44.3	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	0.883	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**530**		mg/kg dry	2.21	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:14	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.1**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0015	0.029	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0073	0.036	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0073	0.036	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0073	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00073	0.029	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
71-43-2	Benzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0029	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0073	0.044	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0015	0.015	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.073	0.073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0073	0.036	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
100-42-5	Styrene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.029	0.15	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
108-88-3	**Toluene**	**0.0012**	Ja	mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007

Sample Information

Client Sample ID: SB-11_0-2 **York Sample ID:** 25K0346-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 1:25 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0036	0.015	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0015	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00073	0.0073	1	SW8260D Certifications: NY-11301	11/06/2025 13:25	11/11/2025 01:54	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*101 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*83 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*104 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*87 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**90**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 13:25	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.180	0.361	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	11/07/2025 09:52	11/08/2025 03:42	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 17:37	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.423	0.433	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0759	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0542	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0759	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0759	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.542	0.542	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0867	0.433	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0325	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0650	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.195	0.824	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.173	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.173	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0650	0.386	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0433	0.433	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.433	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0759	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.238	0.813	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.249	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.238	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.293	0.811	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
919005-14-4	ADONA	ND		ug/kg dry	0.282	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.347	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.791	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.791	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.499	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0975	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:28	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*129 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*126 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*110 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*96.1 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.8 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*120 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*105 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*129 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*100 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*125 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*114 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*145 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.6 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*	PFSu-H		*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*93.5 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*97.0 %*			*20-130*						

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0355	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:35	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:03	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:58	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:58	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	11/08/2025 07:00	11/10/2025 23:58	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*97.8 %*			*21-150*					

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0333**		mg/kg dry	0.0325	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14700**		mg/kg dry	4.51	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**2.91**		mg/kg dry	1.35	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**39.8**		mg/kg dry	2.25	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.191**		mg/kg dry	0.046	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**992**		mg/kg dry	4.52	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**23.9**		mg/kg dry	0.452	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.01**		mg/kg dry	0.361	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**7.73**		mg/kg dry	1.81	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**16900**		mg/kg dry	22.6	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**8.55**		mg/kg dry	0.452	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2070**		mg/kg dry	4.52	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**155**		mg/kg dry	0.452	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**11.2**		mg/kg dry	0.899	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**738**		mg/kg dry	4.52	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**111**		mg/kg dry	45.2	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**30.8**		mg/kg dry	0.899	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	**Zinc**	**24.2**		mg/kg dry	2.25	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:21	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.542	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications:	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444		

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.9**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.023	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0057	0.028	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0057	0.028	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0057	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00057	0.023	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
71-43-2	Benzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0023	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0057	0.034	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0011	0.011	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.057	0.057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0057	0.028	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
100-42-5	Styrene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.023	0.11	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
108-88-3	Toluene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007

Sample Information

Client Sample ID: SB-11_10-12 **York Sample ID:** 25K0346-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 2:05 pm	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0028	0.011	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0011	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00057	0.0057	1	SW8260D Certifications: NY-11301	11/06/2025 14:05	11/11/2025 02:14	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*95 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*95 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*101 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*90 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**91**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 14:05	11/10/2025 23:00	CT007

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
208-96-8	**Acenaphthylene**	**0.0617**	J	mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
98-86-2	Acetophenone	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	**Anthracene**	**0.145**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
1912-24-9	Atrazine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.180	0.360	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
56-55-3	**Benzo(a)anthracene**	**0.627**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
50-32-8	**Benzo(a)pyrene**	**0.622**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
205-99-2	**Benzo(b)fluoranthene**	**0.539**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
191-24-2	**Benzo(g,h,i)perylene**	**0.365**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
207-08-9	**Benzo(k)fluoranthene**	**0.487**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
105-60-2	Caprolactam	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
86-74-8	Carbazole	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
218-01-9	**Chrysene**	**0.635**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
53-70-3	**Dibenzo(a,h)anthracene**	**0.123**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0898	0.179	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: PADEP-68-04440,NYSDOH-NY10854			
206-44-0	**Fluoranthene**	**1.27**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
86-73-7	Fluorene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.327**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			
78-59-1	Isophorone	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085			

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
85-01-8	**Phenanthrene**	**0.560**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
108-95-2	Phenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
129-00-0	**Pyrene**	**1.12**		mg/kg dry	0.0450	0.0898	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	11/07/2025 09:52	11/11/2025 21:50	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270E SIM	11/10/2025 08:58	11/13/2025 17:54	ak
							Certifications:	NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.424	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0761	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0544	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0761	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.146**	J	ug/kg dry	0.0761	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.370**		ug/kg dry	0.0761	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0870	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0870	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0870	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.544	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0870	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0326	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0761	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0653	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.196	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.174	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.174	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0653	0.387	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0435	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.131	0.435	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0761	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.239	0.816	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.250	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.239	0.822	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.294	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
919005-14-4	ADONA	ND		ug/kg dry	0.283	0.822	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.348	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.794	5.44	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.44	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.794	2.18	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.500	2.18	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0979	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/09/2025 08:09	11/13/2025 03:42	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*117 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*112 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*114 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*117 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*113 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*99.0 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*111 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*114 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonc*	*105 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*124 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*123 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*115 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.2 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.2 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*85.4 %*			*15-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*89.0 %*			*20-130*						

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0355	5	EPA 8081B	11/07/2025 09:47	11/09/2025 14:50	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*82.6 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*96.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	11/07/2025 09:45	11/08/2025 07:16	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A	11/08/2025 07:00	11/11/2025 00:04	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A	11/08/2025 07:00	11/11/2025 00:04	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	11/08/2025 07:00	11/11/2025 00:04	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*96.4 %*			*21-150*					

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**4.05**		mg/kg dry	0.0326	1	EPA 7473	11/10/2025 10:34	11/11/2025 09:01	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-084		

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	4.53	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	**Arsenic**	**9.30**		mg/kg dry	1.36	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**156**		mg/kg dry	2.26	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	**Beryllium**	**0.591**		mg/kg dry	0.046	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.589**		mg/kg dry	0.272	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**10100**		mg/kg dry	4.53	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**36.1**		mg/kg dry	0.454	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**7.56**		mg/kg dry	0.362	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	**Copper**	**117**		mg/kg dry	1.81	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**25700**		mg/kg dry	22.7	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	**Lead**	**191**		mg/kg dry	0.454	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**2320**		mg/kg dry	4.54	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**289**		mg/kg dry	0.454	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	0.903	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1580**		mg/kg dry	4.54	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**431**		mg/kg dry	45.3	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	**Vanadium**	**30.1**		mg/kg dry	0.903	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	**Zinc**	**252**		mg/kg dry	2.26	1	EPA 6010D	11/11/2025 14:42	11/12/2025 14:23	JWT
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	11/10/2025 09:35	11/10/2025 17:01	JMT
							Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	11/10/2025 09:25	11/10/2025 16:58	JMT
							Certifications: NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-0444			

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**36.1**		mg/kg	0.500	1	Calculation	11/12/2025 15:20	11/12/2025 15:27	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	11/07/2025 09:35	11/07/2025 14:30	CD
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.021	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0053	0.027	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0053	0.027	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/Kg	0.0053	0.05	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.00053	0.021	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
71-43-2	Benzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0021	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0053	0.032	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0011	0.011	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.053	0.053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0053	0.027	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
100-42-5	Styrene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.021	0.11	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
108-88-3	Toluene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007

Sample Information

Client Sample ID: SODUP01_110625 **York Sample ID:** 25K0346-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0346	170794301	Soil	November 6, 2025 12:00 am	11/06/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0027	0.011	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0011	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00053	0.0053	1	SW8260D Certifications: NY-11301	11/06/2025 00:00	11/11/2025 02:34	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*103 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*87 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*98 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*89 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOLIE	**Percent Solid**	**88**		%			1	SW846-%Solid Certifications: NY-11301	11/06/2025 00:00	11/10/2025 23:00	CT007

Analytical Batch Summary

Batch ID: [none] **Preparation Method** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/06/25
25K0346-03	SB-14_0-2	11/06/25
25K0346-05	SB-14_10-12	11/06/25
25K0346-06	SB-14_25-27	11/06/25
25K0346-07	SB-11_0-2	11/06/25
25K0346-08	SB-11_10-12	11/06/25
25K0346-09	SODUP01_110625	11/06/25

Batch ID: 813339A **Preparation Method** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/06/25
25K0346-03	SB-14_0-2	11/06/25
25K0346-05	SB-14_10-12	11/06/25
25K0346-06	SB-14_25-27	11/06/25
25K0346-07	SB-11_0-2	11/06/25
25K0346-08	SB-11_10-12	11/06/25
25K0346-09	SODUP01_110625	11/06/25

Batch ID: BK50417 **Preparation Method** % Solids Prep **Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/07/25
25K0346-03	SB-14_0-2	11/07/25
25K0346-05	SB-14_10-12	11/07/25
25K0346-06	SB-14_25-27	11/07/25
25K0346-07	SB-11_0-2	11/07/25
25K0346-08	SB-11_10-12	11/07/25
25K0346-09	SODUP01_110625	11/07/25
BK50417-DUP1	Duplicate	11/07/25

Batch ID: BK50420 **Preparation Method** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/07/25
BK50420-BLK1	Blank	11/07/25
BK50420-BS1	LCS	11/07/25

Batch ID: BK50421 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/07/25
25K0346-03	SB-14_0-2	11/07/25

25K0346-05	SB-14_10-12	11/07/25
25K0346-06	SB-14_25-27	11/07/25
25K0346-07	SB-11_0-2	11/07/25
25K0346-08	SB-11_10-12	11/07/25
25K0346-09	SODUP01_110625	11/07/25
BK50421-BLK1	Blank	11/07/25
BK50421-BS2	LCS	11/07/25
BK50421-MS2	Matrix Spike	11/07/25
BK50421-MSD2	Matrix Spike Dup	11/07/25

Batch ID: BK50422 **Preparation Method** EPA 3546 PPCB **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/07/25
25K0346-03	SB-14_0-2	11/07/25
25K0346-05	SB-14_10-12	11/07/25
25K0346-06	SB-14_25-27	11/07/25
25K0346-07	SB-11_0-2	11/07/25
25K0346-08	SB-11_10-12	11/07/25
25K0346-09	SODUP01_110625	11/07/25
BK50422-BLK1	Blank	11/07/25
BK50422-BS1	LCS	11/07/25
BK50422-MS1	Matrix Spike	11/07/25
BK50422-MSD1	Matrix Spike Dup	11/07/25

Batch ID: BK50423 **Preparation Method** EPA 3550C **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/07/25
25K0346-03	SB-14_0-2	11/07/25
25K0346-03RE1	SB-14_0-2	11/07/25
25K0346-05	SB-14_10-12	11/07/25
25K0346-06	SB-14_25-27	11/07/25
25K0346-07	SB-11_0-2	11/07/25
25K0346-08	SB-11_10-12	11/07/25
25K0346-09	SODUP01_110625	11/07/25
BK50423-BLK1	Blank	11/07/25
BK50423-BS1	LCS	11/07/25
BK50423-MS1	Matrix Spike	11/07/25
BK50423-MSD1	Matrix Spike Dup	11/07/25

Batch ID: BK50456 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/07/25
BK50456-BLK1	Blank	11/07/25
BK50456-BS1	LCS	11/07/25
BK50456-DUP1	Duplicate	11/07/25
BK50456-MS1	Matrix Spike	11/07/25
BK50456-MSD1	Matrix Spike Dup	11/07/25

Batch ID: BK50461 **Preparation Method** EPA 3550C/8151A **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/08/25
25K0346-03	SB-14_0-2	11/08/25
25K0346-05	SB-14_10-12	11/08/25
25K0346-06	SB-14_25-27	11/08/25
25K0346-07	SB-11_0-2	11/08/25
25K0346-08	SB-11_10-12	11/08/25
25K0346-09	SODUP01_110625	11/08/25
BK50461-BLK1	Blank	11/08/25
BK50461-BS1	LCS	11/08/25
BK50461-MS1	Matrix Spike	11/08/25
BK50461-MSD1	Matrix Spike Dup	11/08/25

Batch ID: BK50464 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/08/25
BK50464-BLK2	Blank	11/08/25
BK50464-BS2	LCS	11/08/25
BK50464-BSD2	LCS Dup	11/08/25

Batch ID: BK50465 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/08/25
BK50465-BLK1	Blank	11/08/25
BK50465-BS1	LCS	11/08/25
BK50465-BSD1	LCS Dup	11/08/25

Batch ID: BK50474 **Preparation Method** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/09/25
BK50474-BLK2	Blank	11/09/25
BK50474-BS2	LCS	11/09/25

Batch ID: BK50475 **Preparation Method** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/09/25
BK50475-BLK1	Blank	11/09/25
BK50475-BS1	LCS	11/09/25
BK50475-BSD1	LCS Dup	11/09/25

Batch ID: BK50476 **Preparation Method** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/09/25
BK50476-BLK1	Blank	11/09/25
BK50476-BS1	LCS	11/09/25
BK50476-BSD1	LCS Dup	11/09/25

Batch ID: BK50481 **Preparation Method** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/09/25
25K0346-06	SB-14_25-27	11/09/25
25K0346-07	SB-11_0-2	11/09/25
25K0346-08	SB-11_10-12	11/09/25
25K0346-09	SODUP01_110625	11/09/25
BK50481-BLK1	Blank	11/09/25
BK50481-BS1	LCS	11/09/25
BK50481-BS2	LCS	11/09/25
BK50481-MS1	Matrix Spike	11/09/25
BK50481-MSD1	Matrix Spike Dup	11/09/25

Batch ID: BK50511 **Preparation Method** EPA 3550C **Prepared By:** MT

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/10/25
25K0346-03	SB-14_0-2	11/10/25
25K0346-05	SB-14_10-12	11/10/25
25K0346-06	SB-14_25-27	11/10/25
25K0346-07	SB-11_0-2	11/10/25
25K0346-08	SB-11_10-12	11/10/25
25K0346-09	SODUP01_110625	11/10/25
BK50511-BLK1	Blank	11/10/25
BK50511-BS1	LCS	11/10/25
BK50511-MS1	Matrix Spike	11/10/25
BK50511-MSD1	Matrix Spike Dup	11/10/25

Batch ID: BK50513 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/10/25
25K0346-03	SB-14_0-2	11/10/25
25K0346-05	SB-14_10-12	11/10/25
25K0346-06	SB-14_25-27	11/10/25
25K0346-07	SB-11_0-2	11/10/25
25K0346-08	SB-11_10-12	11/10/25
25K0346-09	SODUP01_110625	11/10/25
BK50513-BLK1	Blank	11/10/25
BK50513-DUP1	Duplicate	11/10/25
BK50513-MS1	Matrix Spike	11/10/25

BK50513-MSD1	Matrix Spike Dup	11/10/25
BK50513-SRM1	Reference	11/10/25

Batch ID: BK50514 **Preparation Method** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/10/25
25K0346-03	SB-14_0-2	11/10/25
25K0346-05	SB-14_10-12	11/10/25
25K0346-06	SB-14_25-27	11/10/25
25K0346-07	SB-11_0-2	11/10/25
25K0346-08	SB-11_10-12	11/10/25
25K0346-09	SODUP01_110625	11/10/25
BK50514-BLK1	Blank	11/10/25
BK50514-DUP1	Duplicate	11/10/25
BK50514-MS1	Matrix Spike	11/10/25
BK50514-MSD1	Matrix Spike Dup	11/10/25
BK50514-SRM1	Reference	11/10/25

Batch ID: BK50529 **Preparation Method** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/10/25
25K0346-03	SB-14_0-2	11/10/25
25K0346-05	SB-14_10-12	11/10/25
25K0346-06	SB-14_25-27	11/10/25
25K0346-07	SB-11_0-2	11/10/25
25K0346-08	SB-11_10-12	11/10/25
25K0346-09	SODUP01_110625	11/10/25
BK50529-BLK1	Blank	11/10/25
BK50529-DUP1	Duplicate	11/10/25
BK50529-MS1	Matrix Spike	11/10/25
BK50529-SRM1	Reference	11/10/25

Batch ID: BK50530 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/10/25
BK50530-BLK1	Blank	11/10/25
BK50530-BS1	LCS	11/10/25

Batch ID: BK50553 **Preparation Method** Analysis Preparation **Prepared By:** JS

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/10/25
BK50553-BLK1	Blank	11/10/25
BK50553-BS1	LCS	11/10/25

Batch ID: BK50584 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/11/25
BK50584-BLK1	Blank	11/11/25
BK50584-BLK2	Blank	11/11/25
BK50584-BS1	LCS	11/11/25
BK50584-BS2	LCS	11/11/25

Batch ID: BK50623 **Preparation Method** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/11/25
BK50623-BLK1	Blank	11/11/25
BK50623-BS1	LCS	11/11/25
BK50623-BS2	LCS	11/11/25
BK50623-DUP1	Duplicate	11/11/25

Batch ID: BK50633 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/11/25
25K0346-03	SB-14_0-2	11/11/25
BK50633-BLK1	Blank	11/11/25
BK50633-DUP1	Duplicate	11/11/25
BK50633-MS1	Matrix Spike	11/11/25
BK50633-PS1	Post Spike	11/11/25
BK50633-SRM1	Reference	11/11/25

Batch ID: BK50635 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-05	SB-14_10-12	11/11/25
25K0346-06	SB-14_25-27	11/11/25
25K0346-07	SB-11_0-2	11/11/25
25K0346-08	SB-11_10-12	11/11/25
25K0346-09	SODUP01_110625	11/11/25
BK50635-BLK1	Blank	11/11/25
BK50635-DUP1	Duplicate	11/11/25
BK50635-MS1	Matrix Spike	11/11/25
BK50635-PS1	Post Spike	11/11/25
BK50635-SRM1	Reference	11/11/25

Batch ID: BK50653 **Preparation Method** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/11/25

Batch ID: BK50734 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-02	SB-12_24-26	11/12/25
25K0346-03	SB-14_0-2	11/12/25
25K0346-05	SB-14_10-12	11/12/25
25K0346-06	SB-14_25-27	11/12/25
25K0346-07	SB-11_0-2	11/12/25
25K0346-08	SB-11_10-12	11/12/25
25K0346-09	SODUP01_110625	11/12/25

Batch ID: BK50935 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K0346-01	SOFB01_110625	11/14/25
25K0346-04	SOTB01_110625	11/14/25
BK50935-BLK1	Blank	11/14/25
BK50935-BS1	LCS	11/14/25
BK50935-BSD1	LCS Dup	11/14/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50935 - EPA 5030B											
Blank (BK50935-BLK1) Blank									Prepared & Analyzed: 11/14/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50935 - EPA 5030B											
Blank (BK50935-BLK1) Blank									Prepared & Analyzed: 11/14/2025		
Naphthalene	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.2*		*"*	*10.0*		*112*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BK50935-BS1) LCS									Prepared & Analyzed: 11/14/2025		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	9.52		"	10.0		95.2	78-130				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.84		"	10.0		88.4	70-130				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123				
1,1-Dichloroethane	9.88		"	10.0		98.8	82-129				
1,1-Dichloroethylene	9.62		"	10.0		96.2	70-130				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-130				
1,2,3-Trichloropropane	9.70		"	10.0		97.0	77-128				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-130				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	8.61		"	10.0		86.1	45-147				
1,2-Dibromoethane	9.82		"	10.0		98.2	83-124				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	79-123				
1,2-Dichloroethane	9.26		"	10.0		92.6	73-130				
1,2-Dichloropropane	9.86		"	10.0		98.6	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,3-Dichloropropane	9.62		"	10.0		96.2	81-125				
1,4-Dichlorobenzene	9.86		"	10.0		98.6	85-124				
2-Butanone	8.36		"	10.0		83.6	49-152				
2-Hexanone	8.65		"	10.0		86.5	51-146				
4-Methyl-2-pentanone	8.67		"	10.0		86.7	57-145				
Acetone	7.14		"	10.0		71.4	40-150				
Acrolein	28.6		"	40.0		71.6	10-153				
Acrylonitrile	8.52		"	10.0		85.2	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50935 - EPA 5030B											
LCS (BK50935-BS1) LCS							Prepared & Analyzed: 11/14/2025				
Benzene	9.44		ug/L	10.0		94.4	85-126				
Bromochloromethane	9.57		"	10.0		95.7	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	8.48		"	10.0		84.8	78-130				
Bromomethane	8.72		"	10.0		87.2	43-160				
Carbon disulfide	9.54		"	10.0		95.4	68-146				
Carbon tetrachloride	9.76		"	10.0		97.6	77-130				
Chlorobenzene	9.47		"	10.0		94.7	88-120				
Chloroethane	12.1		"	10.0		121	65-136				
Chloroform	9.42		"	10.0		94.2	82-128				
Chloromethane	8.49		"	10.0		84.9	43-155				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-130				
Cyclohexane	8.29		"	10.0		82.9	70-130				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	9.52		"	10.0		95.2	72-134				
Dichlorodifluoromethane	8.07		"	10.0		80.7	44-144				
Ethyl Benzene	9.63		"	10.0		96.3	80-130				
Hexachlorobutadiene	9.28		"	10.0		92.8	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-130				
Methyl acetate	8.62		"	10.0		86.2	70-130				
Methyl tert-butyl ether (MTBE)	8.27		"	10.0		82.7	76-130				
Methylcyclohexane	8.09		"	10.0		80.9	72-130				
Methylene chloride	9.53		"	10.0		95.3	70-130				
Naphthalene	10.9		"	10.0		109	70-147				
n-Butylbenzene	8.19		"	10.0		81.9	79-132				
n-Propylbenzene	9.58		"	10.0		95.8	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-130				
p-Diethylbenzene	9.30		"	10.0		93.0	84-134				
p-Ethyltoluene	9.30		"	10.0		93.0	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.14		"	10.0		91.4	79-137				
Styrene	9.81		"	10.0		98.1	70-130				
tert-Butyl alcohol (TBA)	38.5		"	50.0		77.0	25-162				
tert-Butylbenzene	9.07		"	10.0		90.7	77-138				
Tetrachloroethylene	5.89		"	10.0		58.9	82-130	Low Bias			
Toluene	9.58		"	10.0		95.8	80-127				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-130				
trans-1,3-Dichloropropylene	8.91		"	10.0		89.1	78-130				
Trichloroethylene	8.80		"	10.0		88.0	82-128				
Trichlorofluoromethane	8.26		"	10.0		82.6	67-139				
Vinyl Chloride	8.27		"	10.0		82.7	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50935 - EPA 5030B											
LCS Dup (BK50935-BSD1) LCS Dup								Prepared & Analyzed: 11/14/2025			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		4.33	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-130		10.4	20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		6.42	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	70-130		11.6	20	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		10.1	20	
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129		2.25	20	
1,1-Dichloroethylene	10.5		"	10.0		105	70-130		9.03	20	
1,2,3-Trichlorobenzene	13.2		"	10.0		132	76-130	High Bias	24.2	20	Non-dir.
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		7.06	30	
1,2,4-Trichlorobenzene	13.2		"	10.0		132	76-130	High Bias	24.2	20	Non-dir.
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		0.00	20	
1,2-Dibromo-3-chloropropane	9.80		"	10.0		98.0	45-147		12.9	20	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		11.3	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		3.62	20	
1,2-Dichloroethane	10.2		"	10.0		102	73-130		10.1	20	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		5.14	20	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		0.398	30	
1,3-Dichlorobenzene	9.99		"	10.0		99.9	86-122		0.200	20	
1,3-Dichloropropane	10.7		"	10.0		107	81-125		10.3	30	
1,4-Dichlorobenzene	9.95		"	10.0		99.5	85-124		0.909	20	
2-Butanone	9.69		"	10.0		96.9	49-152		14.7	20	
2-Hexanone	10.1		"	10.0		101	51-146		15.6	20	
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145		17.9	20	
Acetone	8.88		"	10.0		88.8	40-150		21.7	20	Non-dir.
Acrolein	32.9		"	40.0		82.3	10-153		14.0	30	
Acrylonitrile	9.50		"	10.0		95.0	51-150		10.9	30	
Benzene	10.1		"	10.0		101	85-126		6.46	20	
Bromochloromethane	10.6		"	10.0		106	77-128		10.6	20	
Bromodichloromethane	11.3		"	10.0		113	79-128		5.82	20	
Bromoform	9.82		"	10.0		98.2	78-130		14.6	20	
Bromomethane	9.80		"	10.0		98.0	43-160		11.7	20	
Carbon disulfide	10.2		"	10.0		102	68-146		6.69	20	
Carbon tetrachloride	10.9		"	10.0		109	77-130		11.3	20	
Chlorobenzene	10.0		"	10.0		100	88-120		5.54	20	
Chloroethane	13.1		"	10.0		131	65-136		7.92	20	
Chloroform	10.1		"	10.0		101	82-128		7.16	20	
Chloromethane	9.02		"	10.0		90.2	43-155		6.05	20	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		7.05	20	
cis-1,3-Dichloropropylene	11.8		"	10.0		118	80-130		7.48	20	
Cyclohexane	9.64		"	10.0		96.4	70-130		15.1	20	
Dibromochloromethane	11.6		"	10.0		116	80-130		9.72	20	
Dibromomethane	10.5		"	10.0		105	72-134		9.50	30	
Dichlorodifluoromethane	8.81		"	10.0		88.1	44-144		8.77	20	
Ethyl Benzene	10.2		"	10.0		102	80-130		6.04	20	
Hexachlorobutadiene	9.77		"	10.0		97.7	67-146		5.14	30	
Isopropylbenzene	9.99		"	10.0		99.9	76-130		0.300	20	
Methyl acetate	10.0		"	10.0		100	70-130		15.0	20	
Methyl tert-butyl ether (MTBE)	9.83		"	10.0		98.3	76-130		17.2	20	
Methylcyclohexane	9.15		"	10.0		91.5	72-130		12.3	20	
Methylene chloride	10.2		"	10.0		102	70-130		6.50	20	
Naphthalene	13.4		"	10.0		134	70-147		20.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50935 - EPA 5030B											
LCS Dup (BK50935-BSD1) LCS Dup									Prepared & Analyzed: 11/14/2025		
n-Butylbenzene	8.46		ug/L	10.0		84.6	79-132		3.24	30	
n-Propylbenzene	9.60		"	10.0		96.0	78-133		0.209	30	
o-Xylene	10.8		"	10.0		108	78-130		5.51	20	
p- & m- Xylenes	21.2		"	20.0		106	77-130		5.91	20	
p-Diethylbenzene	9.45		"	10.0		94.5	84-134		1.60	30	
p-Ethyltoluene	9.33		"	10.0		93.3	88-129		0.322	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		2.35	30	
sec-Butylbenzene	9.48		"	10.0		94.8	79-137		3.65	30	
Styrene	10.4		"	10.0		104	70-130		6.32	20	
tert-Butyl alcohol (TBA)	52.0		"	50.0		104	25-162		29.8	30	
tert-Butylbenzene	9.24		"	10.0		92.4	77-138		1.86	30	
Tetrachloroethylene	6.27		"	10.0		62.7	82-130	Low Bias	6.25	20	
Toluene	9.90		"	10.0		99.0	80-127		3.29	20	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-130		5.96	20	
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-130		10.0	20	
Trichloroethylene	9.13		"	10.0		91.3	82-128		3.68	20	
Trichlorofluoromethane	9.37		"	10.0		93.7	67-139		12.6	20	
Vinyl Chloride	9.03		"	10.0		90.3	70-130		8.79	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50423 - EPA 3550C

Blank (BK50423-BLK1) Blank — Prepared & Analyzed: 11/07/2025

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"
Caprolactam	ND	0.0830	"
Carbazole	ND	0.0416	"
Chrysene	ND	0.0416	"
Dibenzo(a,h)anthracene	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50423 - EPA 3550C											
Blank (BK50423-BLK1) Blank									Prepared & Analyzed: 11/07/2025		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.795*		"	*1.66*		*47.9*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.668*		"	*1.66*		*40.2*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.433*		"	*0.831*		*52.1*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.415*		"	*0.831*		*50.0*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.66*		*67.6*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.530*		"	*0.831*		*63.8*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50423 - EPA 3550C											
LCS (BK50423-BS1) LCS								Prepared & Analyzed: 11/07/2025			
1,1-Biphenyl	0.514	0.0416	mg/kg wet	0.831		61.9	70-111	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.670	0.0830	"	0.831		80.7	70-130				
1,2-Diphenylhydrazine (as Azobenzene)	0.512	0.0416	"	0.831		61.6	17-137				
2,3,4,6-Tetrachlorophenol	0.641	0.0830	"	0.831		77.1	70-130				
2,4,5-Trichlorophenol	0.517	0.0416	"	0.831		62.3	70-118	Low Bias			
2,4,6-Trichlorophenol	0.564	0.0416	"	0.831		67.9	70-120	Low Bias			
2,4-Dichlorophenol	0.581	0.0416	"	0.831		69.9	70-127	Low Bias			
2,4-Dimethylphenol	0.532	0.0416	"	0.831		64.0	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.0830	"	0.831			20-160	Low Bias			
2,4-Dinitrotoluene	0.592	0.0416	"	0.831		71.2	70-130				
2,6-Dinitrotoluene	0.566	0.0416	"	0.831		68.2	70-128	Low Bias			
2-Chloronaphthalene	0.517	0.0416	"	0.831		62.2	70-117	Low Bias			
2-Chlorophenol	0.492	0.0416	"	0.831		59.3	70-113	Low Bias			
2-Methylnaphthalene	0.524	0.0416	"	0.831		63.1	70-130	Low Bias			
2-Methylphenol	0.464	0.0416	"	0.831		55.9	70-130	Low Bias			
2-Nitroaniline	0.569	0.0830	"	0.831		68.6	70-130	Low Bias			
2-Nitrophenol	0.608	0.0416	"	0.831		73.2	70-129				
3- & 4-Methylphenols	0.400	0.0416	"	0.831		48.2	29-103				
3,3-Dichlorobenzidine	0.430	0.0416	"	0.831		51.8	70-130	Low Bias			
3-Nitroaniline	0.468	0.0830	"	0.831		56.4	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.484	0.0830	"	0.831		58.3	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.608	0.0416	"	0.831		73.2	70-120				
4-Chloro-3-methylphenol	0.594	0.0416	"	0.831		71.6	70-129				
4-Chloroaniline	0.348	0.0416	"	0.831		41.9	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.543	0.0416	"	0.831		65.4	70-124	Low Bias			
4-Nitroaniline	0.469	0.0830	"	0.831		56.5	70-128	Low Bias			
4-Nitrophenol	0.426	0.0830	"	0.831		51.2	20-141				
Acenaphthene	0.490	0.0416	"	0.831		59.0	70-121	Low Bias			
Acenaphthylene	0.523	0.0416	"	0.831		62.9	70-115	Low Bias			
Acetophenone	0.446	0.0416	"	0.831		53.7	70-112	Low Bias			
Aniline	0.319	0.166	"	0.831		38.4	10-119				
Anthracene	0.540	0.0416	"	0.831		65.0	70-118	Low Bias			
Atrazine	0.509	0.0416	"	0.831		61.2	70-112	Low Bias			
Benzaldehyde	0.361	0.0416	"	0.831		43.5	21-100				
Benzo(a)anthracene	0.562	0.0416	"	0.831		67.6	70-122	Low Bias			
Benzo(a)pyrene	0.508	0.0416	"	0.831		61.1	70-130	Low Bias			
Benzo(b)fluoranthene	0.522	0.0416	"	0.831		62.8	70-130	Low Bias			
Benzo(g,h,i)perylene	0.548	0.0416	"	0.831		65.9	70-130	Low Bias			
Benzo(k)fluoranthene	0.528	0.0416	"	0.831		63.6	70-128	Low Bias			
Benzoic acid	0.0442	0.0416	"	0.831		5.32	10-140	Low Bias			
Benzyl alcohol	0.449	0.0416	"	0.831		54.0	30-115				
Benzyl butyl phthalate	0.570	0.0416	"	0.831		68.6	70-126	Low Bias			
Bis(2-chloroethoxy)methane	0.489	0.0416	"	0.831		58.8	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.408	0.0416	"	0.831		49.1	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	0.313	0.0416	"	0.831		37.7	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.575	0.0416	"	0.831		69.3	70-130	Low Bias			
Caprolactam	0.462	0.0830	"	0.831		55.7	20-127				
Carbazole	0.532	0.0416	"	0.831		64.1	70-123	Low Bias			
Chrysene	0.555	0.0416	"	0.831		66.8	70-123	Low Bias			
Dibenzo(a,h)anthracene	0.526	0.0416	"	0.831		63.3	70-130	Low Bias			
Dibenzofuran	0.533	0.0416	"	0.831		64.2	70-121	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50423 - EPA 3550C											
LCS (BK50423-BS1) LCS							Prepared & Analyzed: 11/07/2025				
Diethyl phthalate	0.520	0.0416	mg/kg wet	0.831		62.6	70-116	Low Bias			
Dimethyl phthalate	0.525	0.0416	"	0.831		63.2	70-124	Low Bias			
Di-n-butyl phthalate	0.540	0.0416	"	0.831		65.0	70-116	Low Bias			
Di-n-octyl phthalate	0.545	0.0416	"	0.831		65.6	70-130	Low Bias			
Diphenylamine	0.684	0.0830	"	0.831		82.3	40-140				
Fluoranthene	0.519	0.0416	"	0.831		62.5	70-122	Low Bias			
Fluorene	0.525	0.0416	"	0.831		63.2	70-123	Low Bias			
Hexachlorobenzene	0.572	0.0416	"	0.831		68.9	70-124	Low Bias			
Hexachlorobutadiene	0.645	0.0416	"	0.831		77.6	70-130				
Hexachlorocyclopentadiene	0.302	0.0416	"	0.831		36.4	20-129				
Hexachloroethane	0.486	0.0416	"	0.831		58.6	28-108				
Indeno(1,2,3-cd)pyrene	0.604	0.0416	"	0.831		72.7	70-130				
Isophorone	0.497	0.0416	"	0.831		59.8	70-130	Low Bias			
Naphthalene	0.541	0.0416	"	0.831		65.1	70-124	Low Bias			
Nitrobenzene	0.485	0.0416	"	0.831		58.4	70-130	Low Bias			
N-Nitrosodimethylamine	0.350	0.0416	"	0.831		42.1	11-129				
N-nitroso-di-n-propylamine	0.402	0.0416	"	0.831		48.4	70-119	Low Bias			
N-Nitrosodiphenylamine	0.685	0.0416	"	0.831		82.5	70-130				
Pentachlorophenol	0.368	0.0416	"	0.831		44.4	20-139				
Phenanthrene	0.533	0.0416	"	0.831		64.2	70-123	Low Bias			
Phenol	0.470	0.0416	"	0.831		56.6	23-115				
Pyrene	0.599	0.0416	"	0.831		72.2	70-130				
Pyridine	0.254	0.166	"	0.831		30.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.831*		"	*1.66*		*50.0*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.769*		"	*1.66*		*46.3*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.450*		"	*0.831*		*54.2*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.488*		"	*0.831*		*58.7*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.66*		*87.4*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.575*		"	*0.831*		*69.2*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50423 - EPA 3550C

Matrix Spike (BK50423-MS1) Matrix Spike *Source sample: 25K0346-07 (SB-11_0-2) Prepared & Analyzed: 11/07/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.476	0.0884	mg/kg dry	0.883	ND	53.8	70-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.652	0.177	"	0.883	ND	73.8	70-130				
1,2-Diphenylhydrazine (as Azobenzene)	0.481	0.0884	"	0.883	ND	54.5	10-144				
2,3,4,6-Tetrachlorophenol	0.579	0.177	"	0.883	ND	65.6	70-130	Low Bias			
2,4,5-Trichlorophenol	0.481	0.0884	"	0.883	ND	54.4	70-127	Low Bias			
2,4,6-Trichlorophenol	0.524	0.0884	"	0.883	ND	59.4	70-130	Low Bias			
2,4-Dichlorophenol	0.545	0.0884	"	0.883	ND	61.7	70-128	Low Bias			
2,4-Dimethylphenol	0.521	0.0884	"	0.883	ND	59.0	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.177	"	0.883	ND		20-160	Low Bias			
2,4-Dinitrotoluene	0.551	0.0884	"	0.883	ND	62.3	70-130	Low Bias			
2,6-Dinitrotoluene	0.525	0.0884	"	0.883	ND	59.4	70-130	Low Bias			
2-Chloronaphthalene	0.498	0.0884	"	0.883	ND	56.3	70-129	Low Bias			
2-Chlorophenol	0.475	0.0884	"	0.883	ND	53.8	70-116	Low Bias			
2-Methylnaphthalene	0.530	0.0884	"	0.883	ND	60.0	70-130	Low Bias			
2-Methylphenol	0.440	0.0884	"	0.883	ND	49.8	70-130	Low Bias			
2-Nitroaniline	0.536	0.177	"	0.883	ND	60.7	70-130	Low Bias			
2-Nitrophenol	0.590	0.0884	"	0.883	ND	66.8	70-129	Low Bias			
3- & 4-Methylphenols	0.375	0.0884	"	0.883	ND	42.5	20-123				
3,3-Dichlorobenzidine	0.392	0.0884	"	0.883	ND	44.4	70-155	Low Bias			
3-Nitroaniline	0.425	0.177	"	0.883	ND	48.1	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.399	0.177	"	0.883	ND	45.2	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.570	0.0884	"	0.883	ND	64.6	70-128	Low Bias			
4-Chloro-3-methylphenol	0.599	0.0884	"	0.883	ND	67.8	70-130	Low Bias			
4-Chloroaniline	0.315	0.0884	"	0.883	ND	35.7	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.517	0.0884	"	0.883	ND	58.6	70-130	Low Bias			
4-Nitroaniline	0.443	0.177	"	0.883	ND	50.2	70-130	Low Bias			
4-Nitrophenol	0.356	0.177	"	0.883	ND	40.3	20-137				
Acenaphthene	0.501	0.0884	"	0.883	0.0485	51.2	70-130	Low Bias			
Acenaphthylene	0.575	0.0884	"	0.883	0.0596	58.4	70-130	Low Bias			
Acetophenone	0.420	0.0884	"	0.883	ND	47.6	70-116	Low Bias			
Aniline	0.248	0.354	"	0.883	ND	28.1	10-123				
Anthracene	0.629	0.0884	"	0.883	0.143	55.0	70-130	Low Bias			
Atrazine	0.471	0.0884	"	0.883	ND	53.3	70-115	Low Bias			
Benzaldehyde	0.343	0.0884	"	0.883	ND	38.9	20-125				
Benzo(a)anthracene	1.02	0.0884	"	0.883	0.603	47.1	70-130	Low Bias			
Benzo(a)pyrene	0.964	0.0884	"	0.883	0.588	42.5	70-130	Low Bias			
Benzo(b)fluoranthene	0.907	0.0884	"	0.883	0.624	32.0	70-130	Low Bias			
Benzo(g,h,i)perylene	0.867	0.0884	"	0.883	0.345	59.1	70-130	Low Bias			
Benzo(k)fluoranthene	0.919	0.0884	"	0.883	0.482	49.4	70-130	Low Bias			
Benzoic acid	0.0728	0.0884	"	0.883	ND	8.24	10-166	Low Bias			
Benzyl alcohol	0.399	0.0884	"	0.883	ND	45.2	12-124				
Benzyl butyl phthalate	0.528	0.0884	"	0.883	ND	59.8	70-130	Low Bias			
Bis(2-chloroethoxy)methane	0.484	0.0884	"	0.883	ND	54.8	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.441	0.0884	"	0.883	ND	49.9	70-119	Low Bias			
Bis(2-chloroisopropyl)ether	0.312	0.0884	"	0.883	ND	35.4	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.563	0.0884	"	0.883	ND	63.7	70-130	Low Bias			
Caprolactam	0.545	0.177	"	0.883	ND	61.7	20-132				
Carbazole	0.545	0.0884	"	0.883	0.0478	56.3	70-130	Low Bias			
Chrysene	1.04	0.0884	"	0.883	0.618	48.1	70-130	Low Bias			
Dibenzo(a,h)anthracene	0.637	0.0884	"	0.883	0.116	59.1	70-130	Low Bias			
Dibenzofuran	0.532	0.0884	"	0.883	ND	60.2	70-130	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50423 - EPA 3550C											
Matrix Spike (BK50423-MS1) Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared & Analyzed: 11/07/2025			
Diethyl phthalate	0.498	0.0884	mg/kg dry	0.883	ND	56.3	70-120	Low Bias			
Dimethyl phthalate	0.491	0.0884	"	0.883	ND	55.6	70-130	Low Bias			
Di-n-butyl phthalate	0.526	0.0884	"	0.883	ND	59.6	70-130	Low Bias			
Di-n-octyl phthalate	0.519	0.0884	"	0.883	ND	58.8	70-130	Low Bias			
Diphenylamine	0.662	0.177	"	0.883	ND	75.0	40-140				
Fluoranthene	1.27	0.0884	"	0.883	1.27	0.935	70-130	Low Bias			
Fluorene	0.534	0.0884	"	0.883	ND	60.4	70-130	Low Bias			
Hexachlorobenzene	0.535	0.0884	"	0.883	ND	60.6	70-130	Low Bias			
Hexachlorobutadiene	0.651	0.0884	"	0.883	ND	73.7	70-130				
Hexachlorocyclopentadiene	0.208	0.0884	"	0.883	ND	23.6	20-106				
Hexachloroethane	0.471	0.0884	"	0.883	ND	53.3	20-110				
Indeno(1,2,3-cd)pyrene	0.905	0.0884	"	0.883	0.307	67.7	70-130	Low Bias			
Isophorone	0.494	0.0884	"	0.883	ND	55.9	70-130	Low Bias			
Naphthalene	0.556	0.0884	"	0.883	ND	63.0	70-130	Low Bias			
Nitrobenzene	0.478	0.0884	"	0.883	ND	54.1	70-130	Low Bias			
N-Nitrosodimethylamine	0.324	0.0884	"	0.883	ND	36.6	10-126				
N-nitroso-di-n-propylamine	0.397	0.0884	"	0.883	ND	45.0	70-125	Low Bias			
N-Nitrosodiphenylamine	0.668	0.0884	"	0.883	ND	75.6	70-130				
Pentachlorophenol	0.307	0.0884	"	0.883	ND	34.8	20-153				
Phenanthrene	0.825	0.0884	"	0.883	0.495	37.3	70-130	Low Bias			
Phenol	0.445	0.0884	"	0.883	ND	50.3	20-126				
Pyrene	1.38	0.0884	"	0.883	1.02	40.4	70-130	Low Bias			
Pyridine	0.297	0.354	"	0.883	ND	33.6	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.826*		"	*1.77*		*46.8*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.763*		"	*1.77*		*43.2*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.461*		"	*0.883*		*52.2*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.481*		"	*0.883*		*54.4*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.77*		*77.0*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.565*		"	*0.883*		*64.0*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50423 - EPA 3550C

Matrix Spike Dup (BK50423- Matrix Spike Dup *Source sample: 25K0346-07 (SB-11_0-2) Prepared & Analyzed: 11/07/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.481	0.0884	mg/kg dry	0.883	ND	54.5	70-130	Low Bias	1.18	30	
1,2,4,5-Tetrachlorobenzene	0.637	0.177	"	0.883	ND	72.1	70-130		2.41	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.459	0.0884	"	0.883	ND	51.9	10-144		4.81	30	
2,3,4,6-Tetrachlorophenol	0.572	0.177	"	0.883	ND	64.8	70-130	Low Bias	1.23	30	
2,4,5-Trichlorophenol	0.462	0.0884	"	0.883	ND	52.3	70-127	Low Bias	3.90	30	
2,4,6-Trichlorophenol	0.505	0.0884	"	0.883	ND	57.1	70-130	Low Bias	3.85	30	
2,4-Dichlorophenol	0.507	0.0884	"	0.883	ND	57.4	70-128	Low Bias	7.12	30	
2,4-Dimethylphenol	0.468	0.0884	"	0.883	ND	53.0	70-130	Low Bias	10.7	30	
2,4-Dinitrophenol	ND	0.177	"	0.883	ND		20-160	Low Bias		30	
2,4-Dinitrotoluene	0.530	0.0884	"	0.883	ND	60.0	70-130	Low Bias	3.79	30	
2,6-Dinitrotoluene	0.523	0.0884	"	0.883	ND	59.2	70-130	Low Bias	0.405	30	
2-Chloronaphthalene	0.488	0.0884	"	0.883	ND	55.3	70-129	Low Bias	1.86	30	
2-Chlorophenol	0.452	0.0884	"	0.883	ND	51.1	70-116	Low Bias	5.03	30	
2-Methylnaphthalene	0.526	0.0884	"	0.883	ND	59.5	70-130	Low Bias	0.803	30	
2-Methylphenol	0.395	0.0884	"	0.883	ND	44.7	70-130	Low Bias	10.7	30	
2-Nitroaniline	0.514	0.177	"	0.883	ND	58.2	70-130	Low Bias	4.17	30	
2-Nitrophenol	0.569	0.0884	"	0.883	ND	64.4	70-129	Low Bias	3.66	30	
3- & 4-Methylphenols	0.358	0.0884	"	0.883	ND	40.6	20-123		4.62	30	
3,3-Dichlorobenzidine	0.428	0.0884	"	0.883	ND	48.4	70-155	Low Bias	8.62	30	
3-Nitroaniline	0.425	0.177	"	0.883	ND	48.2	70-130	Low Bias	0.166	30	
4,6-Dinitro-2-methylphenol	0.257	0.177	"	0.883	ND	29.0	70-130	Low Bias	43.5	30	Non-dir.
4-Bromophenyl phenyl ether	0.548	0.0884	"	0.883	ND	62.0	70-128	Low Bias	4.05	30	
4-Chloro-3-methylphenol	0.554	0.0884	"	0.883	ND	62.7	70-130	Low Bias	7.73	30	
4-Chloroaniline	0.283	0.0884	"	0.883	ND	32.0	70-130	Low Bias	10.9	30	
4-Chlorophenyl phenyl ether	0.510	0.0884	"	0.883	ND	57.7	70-130	Low Bias	1.51	30	
4-Nitroaniline	0.442	0.177	"	0.883	ND	50.0	70-130	Low Bias	0.319	30	
4-Nitrophenol	0.379	0.177	"	0.883	ND	42.9	20-137		6.15	30	
Acenaphthene	0.762	0.0884	"	0.883	0.0485	80.7	70-130		41.3	30	Non-dir.
Acenaphthylene	0.560	0.0884	"	0.883	0.0596	56.7	70-130	Low Bias	2.61	30	
Acetophenone	0.410	0.0884	"	0.883	ND	46.4	70-116	Low Bias	2.55	30	
Aniline	0.237	0.354	"	0.883	ND	26.9	10-123		4.37	30	
Anthracene	1.10	0.0884	"	0.883	0.143	108	70-130		54.4	30	Non-dir.
Atrazine	0.454	0.0884	"	0.883	ND	51.4	70-115	Low Bias	3.51	30	
Benzaldehyde	0.332	0.0884	"	0.883	ND	37.6	20-125		3.35	30	
Benzo(a)anthracene	2.04	0.0884	"	0.883	0.603	162	70-130	High Bias	66.6	30	Non-dir.
Benzo(a)pyrene	1.81	0.0884	"	0.883	0.588	138	70-130	High Bias	60.9	30	Non-dir.
Benzo(b)fluoranthene	1.86	0.0884	"	0.883	0.624	140	70-130	High Bias	69.0	30	Non-dir.
Benzo(g,h,i)perylene	1.38	0.0884	"	0.883	0.345	117	70-130		45.3	30	Non-dir.
Benzo(k)fluoranthene	1.67	0.0884	"	0.883	0.482	134	70-130	High Bias	58.0	30	Non-dir.
Benzoic acid	ND	0.0884	"	0.883	ND		10-166	Low Bias		30	
Benzyl alcohol	0.377	0.0884	"	0.883	ND	42.7	12-124		5.64	30	
Benzyl butyl phthalate	0.512	0.0884	"	0.883	ND	58.0	70-130	Low Bias	2.99	30	
Bis(2-chloroethoxy)methane	0.449	0.0884	"	0.883	ND	50.9	70-130	Low Bias	7.42	30	
Bis(2-chloroethyl)ether	0.423	0.0884	"	0.883	ND	47.9	70-119	Low Bias	4.09	30	
Bis(2-chloroisopropyl)ether	0.302	0.0884	"	0.883	ND	34.2	70-130	Low Bias	3.22	30	
Bis(2-ethylhexyl)phthalate	0.526	0.0884	"	0.883	ND	59.5	70-130	Low Bias	6.75	30	
Caprolactam	0.531	0.177	"	0.883	ND	60.1	20-132		2.63	30	
Carbazole	0.693	0.0884	"	0.883	0.0478	73.1	70-130		24.0	30	
Chrysene	2.08	0.0884	"	0.883	0.618	166	70-130	High Bias	66.4	30	Non-dir.
Dibenzo(a,h)anthracene	0.907	0.0884	"	0.883	0.116	89.6	70-130		34.9	30	Non-dir.
Dibenzofuran	0.577	0.0884	"	0.883	ND	65.3	70-130	Low Bias	8.03	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50423 - EPA 3550C											
Matrix Spike Dup (BK50423- Matrix Spike Dup	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared & Analyzed: 11/07/2025		
Diethyl phthalate	0.487	0.0884	mg/kg dry	0.883	ND	55.1	70-120	Low Bias	2.15	30	
Dimethyl phthalate	0.483	0.0884	"	0.883	ND	54.6	70-130	Low Bias	1.74	30	
Di-n-butyl phthalate	0.507	0.0884	"	0.883	ND	57.4	70-130	Low Bias	3.69	30	
Di-n-octyl phthalate	0.514	0.0884	"	0.883	ND	58.2	70-130	Low Bias	1.09	30	
Diphenylamine	0.640	0.177	"	0.883	ND	72.4	40-140		3.47	30	
Fluoranthene	3.07	0.0884	"	0.883	1.27	204	70-130	High Bias	82.6	30	Non-dir.
Fluorene	0.700	0.0884	"	0.883	ND	79.3	70-130		27.0	30	
Hexachlorobenzene	0.507	0.0884	"	0.883	ND	57.4	70-130	Low Bias	5.29	30	
Hexachlorobutadiene	0.619	0.0884	"	0.883	ND	70.1	70-130		5.01	30	
Hexachlorocyclopentadiene	0.137	0.0884	"	0.883	ND	15.5	20-106	Low Bias	41.3	30	Non-dir.
Hexachloroethane	0.450	0.0884	"	0.883	ND	51.0	20-110		4.45	30	
Indeno(1,2,3-cd)pyrene	1.46	0.0884	"	0.883	0.307	131	70-130	High Bias	47.2	30	Non-dir.
Isophorone	0.467	0.0884	"	0.883	ND	52.9	70-130	Low Bias	5.59	30	
Naphthalene	0.551	0.0884	"	0.883	ND	62.4	70-130	Low Bias	0.893	30	
Nitrobenzene	0.440	0.0884	"	0.883	ND	49.8	70-130	Low Bias	8.16	30	
N-Nitrosodimethylamine	0.307	0.0884	"	0.883	ND	34.8	10-126		5.15	30	
N-nitroso-di-n-propylamine	0.368	0.0884	"	0.883	ND	41.7	70-125	Low Bias	7.57	30	
N-Nitrosodiphenylamine	0.777	0.0884	"	0.883	ND	88.0	70-130		15.2	30	
Pentachlorophenol	0.331	0.0884	"	0.883	ND	37.5	20-153		7.52	30	
Phenanthrene	2.29	0.0884	"	0.883	0.495	203	70-130	High Bias	94.1	30	Non-dir.
Phenol	0.416	0.0884	"	0.883	ND	47.1	20-126		6.57	30	
Pyrene	3.02	0.0884	"	0.883	1.02	226	70-130	High Bias	74.7	30	Non-dir.
Pyridine	0.290	0.354	"	0.883	ND	32.9	10-83		2.17	30	
Surrogate: SURR: 2-Fluorophenol	*0.787*		"	*1.77*		*44.5*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.725*		"	*1.77*		*41.0*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.445*		"	*0.883*		*50.4*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.456*		"	*0.883*		*51.6*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.32*		"	*1.77*		*74.8*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.542*		"	*0.883*		*61.4*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50475 - EPA 3510C											
Blank (BK50475-BLK1) Blank										Prepared: 11/09/2025 Analyzed: 11/10/2025	
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50475 - EPA 3510C											
Blank (BK50475-BLK1) Blank								Prepared: 11/09/2025 Analyzed: 11/10/2025			
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*22.6*		"	*50.0*		*45.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.7*		"	*50.0*		*25.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.4*		"	*25.0*		*69.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.5*		"	*25.0*		*77.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*60.2*		"	*50.0*		*120*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.4*		"	*25.0*		*97.5*	*30.7-106*				
LCS (BK50475-BS1) LCS								Prepared: 11/09/2025 Analyzed: 11/10/2025			
1,1-Biphenyl	18.8	5.00	ug/L	25.0		75.2	33-95				
1,2,4,5-Tetrachlorobenzene	16.4	5.00	"	25.0		65.7	26-120				
1,2,4-Trichlorobenzene	13.0	5.00	"	25.0		51.8	20-118				
1,2-Dichlorobenzene	15.2	5.00	"	25.0		60.8	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	18.0	5.00	"	25.0		71.9	16-141				
1,3-Dichlorobenzene	15.0	5.00	"	25.0		59.9	23-117				
1,4-Dichlorobenzene	15.1	5.00	"	25.0		60.4	30-105				
2,3,4,6-Tetrachlorophenol	38.4	5.00	"	25.0		154	30-130	High Bias			
2,4,5-Trichlorophenol	16.3	5.00	"	25.0		65.2	32-114				
2,4,6-Trichlorophenol	24.2	5.00	"	25.0		96.6	35-118				
2,4-Dichlorophenol	17.1	5.00	"	25.0		68.5	25-116				
2,4-Dimethylphenol	14.0	5.00	"	25.0		55.9	15-116				
2,4-Dinitrophenol	30.4	5.00	"	25.0		122	10-170				
2,4-Dinitrotoluene	27.5	5.00	"	25.0		110	41-128				
2,6-Dinitrotoluene	26.0	5.00	"	25.0		104	45-116				
2-Chloronaphthalene	17.1	5.00	"	25.0		68.5	33-112				
2-Chlorophenol	17.4	5.00	"	25.0		69.8	15-120				
2-Methylnaphthalene	12.3	5.00	"	25.0		49.2	24-118				
2-Methylphenol	15.7	5.00	"	25.0		63.0	10-110				
2-Nitroaniline	25.6	5.00	"	25.0		102	34-129				
2-Nitrophenol	19.9	5.00	"	25.0		79.8	28-118				
3- & 4-Methylphenols	12.9	5.00	"	25.0		51.7	10-107				
3,3-Dichlorobenzidine	25.6	5.00	"	25.0		102	15-187				
3-Nitroaniline	20.2	5.00	"	25.0		80.6	24-134				
4,6-Dinitro-2-methylphenol	39.8	5.00	"	25.0		159	10-153	High Bias			
4-Bromophenyl phenyl ether	19.6	5.00	"	25.0		78.4	34-120				
4-Chloro-3-methylphenol	18.2	5.00	"	25.0		72.9	20-120				
4-Chloroaniline	11.9	5.00	"	25.0		47.7	10-147				
4-Chlorophenyl phenyl ether	20.0	5.00	"	25.0		80.0	27-121				
4-Nitroaniline	23.8	5.00	"	25.0		95.3	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	18.3	5.00	"	25.0		73.3	25-110				
Aniline	8.26	5.00	"	25.0		33.0	10-117				
Benzaldehyde	19.6	5.00	"	25.0		78.2	29-117				
Benzoic acid	3.95	5.00	"	25.0		15.8	30-130	Low Bias			
Benzyl alcohol	15.1	5.00	"	25.0		60.3	10-117				
Benzyl butyl phthalate	25.5	5.00	"	25.0		102	29-133				
Bis(2-chloroethoxy)methane	14.6	5.00	"	25.0		58.4	10-154				
Bis(2-chloroethyl)ether	17.0	5.00	"	25.0		68.0	17-125				
Bis(2-chloroisopropyl)ether	16.2	5.00	"	25.0		64.7	10-139				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50475 - EPA 3510C											
LCS (BK50475-BS1) LCS									Prepared: 11/09/2025 Analyzed: 11/10/2025		
Caprolactam	3.93	5.00	ug/L	25.0		15.7	10-137				
Carbazole	21.4	5.00	"	25.0		85.6	42-126				
Dibenzofuran	18.6	5.00	"	25.0		74.2	36-113				
Diethyl phthalate	21.1	5.00	"	25.0		84.2	38-115				
Dimethyl phthalate	20.9	5.00	"	25.0		83.6	38-129				
Di-n-butyl phthalate	22.6	5.00	"	25.0		90.3	31-120				
Di-n-octyl phthalate	26.0	5.00	"	25.0		104	21-149				
Hexachlorocyclopentadiene	16.4	10.0	"	25.0		65.6	10-130				
Isophorone	15.4	5.00	"	25.0		61.8	25-127				
N-nitroso-di-n-propylamine	18.6	5.00	"	25.0		74.5	26-122				
N-Nitrosodiphenylamine	22.2	5.00	"	25.0		88.6	23-149				
Phenol	7.43	5.00	"	25.0		29.7	10-110				
Pyridine	6.18	5.00	"	35.0		17.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.4*		*"*	*50.0*		*40.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.0*		*"*	*50.0*		*24.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.2*		*"*	*25.0*		*61.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.1*		*"*	*25.0*		*68.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.4*		*"*	*50.0*		*109*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.4*		*"*	*25.0*		*85.6*	*30.7-106*				
LCS Dup (BK50475-BSD1) LCS Dup									Prepared: 11/09/2025 Analyzed: 11/10/2025		
1,1-Biphenyl	18.5	5.00	ug/L	25.0		74.1	33-95		1.45	20	
1,2,4,5-Tetrachlorobenzene	15.1	5.00	"	25.0		60.5	26-120		8.24	20	
1,2,4-Trichlorobenzene	12.8	5.00	"	25.0		51.0	20-118		1.63	20	
1,2-Dichlorobenzene	14.8	5.00	"	25.0		59.2	29-111		2.73	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.6	5.00	"	25.0		78.5	16-141		8.77	20	
1,3-Dichlorobenzene	14.6	5.00	"	25.0		58.2	23-117		2.85	20	
1,4-Dichlorobenzene	14.7	5.00	"	25.0		58.8	30-105		2.82	20	
2,3,4,6-Tetrachlorophenol	38.6	5.00	"	25.0		154	30-130	High Bias	0.338	20	
2,4,5-Trichlorophenol	10.8	5.00	"	25.0		43.4	32-114		40.2	20	Non-dir.
2,4,6-Trichlorophenol	22.8	5.00	"	25.0		91.2	35-118		5.71	20	
2,4-Dichlorophenol	16.9	5.00	"	25.0		67.6	25-116		1.29	20	
2,4-Dimethylphenol	14.3	5.00	"	25.0		57.4	15-116		2.54	20	
2,4-Dinitrophenol	30.1	5.00	"	25.0		120	10-170		0.959	20	
2,4-Dinitrotoluene	26.4	5.00	"	25.0		105	41-128		4.27	20	
2,6-Dinitrotoluene	25.0	5.00	"	25.0		99.9	45-116		3.89	20	
2-Chloronaphthalene	16.5	5.00	"	25.0		65.9	33-112		3.81	20	
2-Chlorophenol	17.1	5.00	"	25.0		68.3	15-120		2.09	20	
2-Methylnaphthalene	12.6	5.00	"	25.0		50.3	24-118		2.25	20	
2-Methylphenol	15.8	5.00	"	25.0		63.3	10-110		0.570	20	
2-Nitroaniline	25.7	5.00	"	25.0		103	34-129		0.546	20	
2-Nitrophenol	19.8	5.00	"	25.0		79.2	28-118		0.755	20	
3- & 4-Methylphenols	13.1	5.00	"	25.0		52.4	10-107		1.23	20	
3,3-Dichlorobenzidine	24.9	5.00	"	25.0		99.6	15-187		2.73	20	
3-Nitroaniline	21.0	5.00	"	25.0		84.1	24-134		4.27	20	
4,6-Dinitro-2-methylphenol	39.9	5.00	"	25.0		160	10-153	High Bias	0.125	20	
4-Bromophenyl phenyl ether	18.9	5.00	"	25.0		75.7	34-120		3.48	20	
4-Chloro-3-methylphenol	19.0	5.00	"	25.0		76.1	20-120		4.35	20	
4-Chloroaniline	12.7	5.00	"	25.0		50.6	10-147		6.02	20	
4-Chlorophenyl phenyl ether	18.7	5.00	"	25.0		75.0	27-121		6.45	20	
4-Nitroaniline	24.8	5.00	"	25.0		99.4	13-134		4.15	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50475 - EPA 3510C											
LCS Dup (BK50475-BSD1) LCS Dup									Prepared: 11/09/2025 Analyzed: 11/10/2025		
4-Nitrophenol	ND	5.00	ug/L	25.0			10-131	Low Bias		20	
Acetophenone	18.5	5.00	"	25.0		73.8	25-110		0.707	20	
Aniline	8.53	5.00	"	25.0		34.1	10-117		3.22	20	
Benzaldehyde	19.4	5.00	"	25.0		77.6	29-117		0.873	20	
Benzoic acid	3.95	5.00	"	25.0		15.8	30-130	Low Bias	0.00	20	
Benzyl alcohol	15.0	5.00	"	25.0		60.1	10-117		0.266	20	
Benzyl butyl phthalate	25.6	5.00	"	25.0		102	29-133		0.313	20	
Bis(2-chloroethoxy)methane	15.3	5.00	"	25.0		61.3	10-154		4.81	20	
Bis(2-chloroethyl)ether	17.2	5.00	"	25.0		68.8	17-125		1.05	20	
Bis(2-chloroisopropyl)ether	17.3	5.00	"	25.0		69.2	10-139		6.75	20	
Caprolactam	4.71	5.00	"	25.0		18.8	10-137		18.1	20	
Carbazole	21.1	5.00	"	25.0		84.2	42-126		1.55	20	
Dibenzofuran	18.1	5.00	"	25.0		72.3	36-113		2.57	20	
Diethyl phthalate	20.7	5.00	"	25.0		82.6	38-115		1.92	20	
Dimethyl phthalate	20.1	5.00	"	25.0		80.2	38-129		4.10	20	
Di-n-butyl phthalate	22.2	5.00	"	25.0		88.9	31-120		1.56	20	
Di-n-octyl phthalate	26.0	5.00	"	25.0		104	21-149		0.385	20	
Hexachlorocyclopentadiene	14.6	10.0	"	25.0		58.4	10-130		11.6	20	
Isophorone	16.3	5.00	"	25.0		65.4	25-127		5.60	20	
N-nitroso-di-n-propylamine	19.2	5.00	"	25.0		76.6	26-122		2.86	20	
N-Nitrosodiphenylamine	22.6	5.00	"	25.0		90.2	23-149		1.83	20	
Phenol	7.42	5.00	"	25.0		29.7	10-110		0.135	20	
Pyridine	5.11	5.00	"	35.0		14.6	10-90		19.0	20	
Surrogate: SURR: 2-Fluorophenol	*19.9*		"	*50.0*		*39.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.0*		"	*50.0*		*24.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.0*		"	*25.0*		*64.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.3*		"	*25.0*		*65.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.3*		"	*50.0*		*98.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.2*		"	*25.0*		*80.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50420 - EPA 3535A											
Blank (BK50420-BLK1) Blank										Prepared: 11/07/2025 Analyzed: 11/11/2025	
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.64*		"	*4.00*		*116*	*36.6-118*				
LCS (BK50420-BS1) LCS										Prepared: 11/07/2025 Analyzed: 11/11/2025	
1,4-Dioxane	4.00	0.300	ug/L	4.00		100	50-130				
Surrogate: 1,4-Dioxane-d8	*4.32*		"	*4.00*		*108*	*36.6-118*				
Batch BK50474 - EPA 3510C											
Blank (BK50474-BLK2) Blank										Prepared: 11/09/2025 Analyzed: 11/10/2025	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50474 - EPA 3510C											
LCS (BK50474-BS2) LCS								Prepared: 11/09/2025 Analyzed: 11/10/2025			
Acenaphthene	0.618	0.0500	ug/L	1.00		61.8	25-116				
Acenaphthylene	0.658	0.0500	"	1.00		65.8	26-116				
Anthracene	0.671	0.0500	"	1.00		67.1	25-123				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.937	0.0500	"	1.00		93.7	22-137				
Benzo(g,h,i)perylene	0.890	0.0500	"	1.00		89.0	10-138				
Benzo(k)fluoranthene	0.900	0.0500	"	1.00		90.0	20-137				
Bis(2-ethylhexyl)phthalate	1.04	0.500	"	1.00		104	10-189				
Chrysene	0.836	0.0500	"	1.00		83.6	32-124				
Dibenzo(a,h)anthracene	0.777	0.0500	"	1.00		77.7	16-133				
Fluoranthene	0.744	0.0500	"	1.00		74.4	32-121				
Fluorene	0.646	0.0500	"	1.00		64.6	28-118				
Hexachlorobenzene	0.754	0.0200	"	1.00		75.4	23-124				
Hexachlorobutadiene	0.568	0.500	"	1.00		56.8	15-123				
Hexachloroethane	2.45	0.500	"	1.00		245	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.752	0.0500	"	1.00		75.2	15-135				
Naphthalene	0.591	0.0500	"	1.00		59.1	18-120				
Nitrobenzene	0.346	0.250	"	1.00		34.6	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.884	0.250	"	1.00		88.4	10-156				
Phenanthrene	0.696	0.0500	"	1.00		69.6	24-127				
Pyrene	0.768	0.0500	"	1.00		76.8	31-132				
Batch BK50511 - EPA 3550C											
Blank (BK50511-BLK1) Blank								Prepared: 11/10/2025 Analyzed: 11/13/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*525*		*"*	*495*		*106*	*39-127.5*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

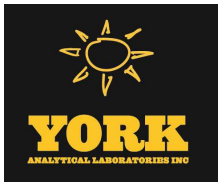
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50511 - EPA 3550C											
LCS (BK50511-BS1) LCS									Prepared: 11/10/2025 Analyzed: 11/13/2025		
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*337*		"	*495*		*68.0*	*39-127.5*				
Matrix Spike (BK50511-MS1) Matrix Spike *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/10/2025 Analyzed: 11/13/2025		
1,4-Dioxane	401	19.8	ug/kg	495	ND	81.0	40-130				
Surrogate: 1,4-Dioxane-d8	*366*		"	*495*		*74.0*	*40-130*				
Matrix Spike Dup (BK50511- Matrix Spike Dup *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/10/2025 Analyzed: 11/13/2025		
1,4-Dioxane	428	19.8	ug/kg	495	ND	86.4	40-130		6.45	30	
Surrogate: 1,4-Dioxane-d8	*366*		"	*495*		*74.0*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
Blank (BK50481-BLK1) Blank									Prepared: 11/09/2025 Analyzed: 11/12/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.500	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*1.81*		"	*2.33*		*77.5*	*40-135*				
Surrogate: M5PFHxA	*2.03*		"	*2.50*		*81.1*	*40-130*				
Surrogate: M4PFHpA	*2.10*		"	*2.50*		*83.8*	*40-130*				
Surrogate: M3PFHxS	*1.81*		"	*2.37*		*76.6*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.90*		"	*2.50*		*76.0*	*40-130*				
Surrogate: M6PFDA	*0.878*		"	*1.25*		*70.3*	*40-130*				
Surrogate: M7PFUdA	*0.801*		"	*1.25*		*64.1*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.781*		"	*1.25*		*62.5*	*40-130*				
Surrogate: M2PFTeDA	*0.721*		"	*1.25*		*57.7*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
Blank (BK50481-BLK1) Blank								Prepared: 11/09/2025 Analyzed: 11/12/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.41*		*ug/kg wet*	*10.0*		*84.1*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.51*		*"*	*2.40*		*63.0*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.16*		*"*	*5.00*		*83.2*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.48*		*"*	*2.50*		*59.1*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.18*		*"*	*5.00*		*63.6*	*40-135*				
Surrogate: d5-N-EtFOSAA	*2.92*		*"*	*5.00*		*58.4*	*40-150*				
Surrogate: M2-6:2 FTS	*3.92*		*"*	*4.76*		*82.5*	*40-215*				
Surrogate: M2-8:2 FTS	*3.18*		*"*	*4.80*		*66.3*	*40-275*				
Surrogate: M9PFNA	*0.903*		*"*	*1.25*		*72.2*	*40-130*				
Surrogate: M2-4:2 FTS	*4.50*		*"*	*4.69*		*96.0*	*40-165*				
Surrogate: d-N-MeFOSA	*1.33*		*"*	*2.50*		*53.0*	*10-130*				
Surrogate: d-N-EtFOSA	*1.36*		*"*	*2.50*		*54.6*	*10-130*				
Surrogate: M3HFPO-DA	*8.79*		*"*	*10.0*		*87.9*	*40-130*				
Surrogate: d9-N-EtFOSE	*14.4*		*"*	*25.0*		*57.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*15.5*		*"*	*25.0*		*62.1*	*20-130*				
LCS (BK50481-BS1) LCS								Prepared: 11/09/2025 Analyzed: 11/12/2025			
Perfluorobutanesulfonic acid (PFBS)	3.53	0.177	ug/kg wet	3.54		99.7	65-145				
Perfluorohexanoic acid (PFHxA)	4.02	0.200	"	4.00		100	65-140				
Perfluoroheptanoic acid (PFHpA)	4.13	0.200	"	4.00		103	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.89	0.183	"	3.66		106	60-150				
Perfluorooctanoic acid (PFOA)	3.98	0.200	"	4.00		99.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.75	0.186	"	3.72		101	65-160				
Perfluorononanoic acid (PFNA)	4.48	0.200	"	4.00		112	70-155				
Perfluorodecanoic acid (PFDA)	4.00	0.200	"	4.00		100	70-155				
Perfluoroundecanoic acid (PFUnA)	4.18	0.200	"	4.00		104	70-155				
Perfluorododecanoic acid (PFDoA)	4.26	0.200	"	4.00		106	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.30	0.200	"	4.00		107	65-150				
Perfluorotetradecanoic acid (PFTA)	4.56	0.200	"	4.00		114	65-150				
N-MeFOSAA	4.27	0.200	"	4.00		107	65-155				
N-EtFOSAA	4.37	0.500	"	4.00		109	65-165				
Perfluoropentanoic acid (PFPeA)	7.96	0.400	"	8.00		99.4	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.25	0.200	"	4.00		106	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.21	0.200	"	3.82		110	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.30	0.193	"	3.86		85.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.0	0.760	"	15.2		98.7	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.8	0.768	"	15.4		96.6	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.2	0.800	"	16.0		101	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.00	0.356	"	7.12		98.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.69	0.400	"	8.00		96.1	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.20	0.400	"	8.00		103	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.07	0.400	"	8.00		101	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.55	0.188	"	3.76		121	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.2	0.750	"	15.0		94.8	60-150				
HFPO-DA (Gen-X)	7.85	0.800	"	8.00		98.1	70-145				
11CL-PF3OUdS	3.59	0.756	"	7.56		47.4	45-160				
9CL-PF3ONS	3.62	0.748	"	7.48		48.4	70-150	Low Bias			
ADONA	7.41	0.756	"	7.56		98.0	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
LCS (BK50481-BS1) LCS									Prepared: 11/09/2025 Analyzed: 11/12/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.45	0.194	ug/kg wet	3.88		88.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.192	"	3.84		92.3	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.6	1.00	"	16.0		97.2	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	73.5	5.00	"	80.0		91.9	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	56.9	5.00	"	80.0		71.1	60-150				
N-MeFOSE	40.8	2.00	"	40.0		102	70-140				
N-MeFOSA	4.82	0.200	"	4.00		121	70-155				
N-EtFOSE	41.8	2.00	"	40.0		104	70-135				
N-EtFOSA	4.02	0.200	"	4.00		101	70-140				
Surrogate: M3PFBS	*2.44*		"	*2.33*		*105*	*40-135*				
Surrogate: M5PFHxA	*2.66*		"	*2.50*		*106*	*40-130*				
Surrogate: M4PFHpA	*2.43*		"	*2.50*		*97.4*	*40-130*				
Surrogate: M3PFHxS	*1.90*		"	*2.37*		*80.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.32*		"	*2.50*		*92.8*	*40-130*				
Surrogate: M6PFDA	*0.841*		"	*1.25*		*67.2*	*40-130*				
Surrogate: M7PFUdA	*0.755*		"	*1.25*		*60.4*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.728*		"	*1.25*		*58.3*	*40-130*				
Surrogate: M2PFTeDA	*0.709*		"	*1.25*		*56.7*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		"	*10.0*		*114*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.53*		"	*2.40*		*63.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		"	*5.00*		*112*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.49*		"	*2.50*		*59.7*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.33*		"	*5.00*		*66.7*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.10*		"	*5.00*		*62.0*	*40-150*				
Surrogate: M2-6:2 FTS	*3.88*		"	*4.76*		*81.6*	*40-215*				
Surrogate: M2-8:2 FTS	*3.05*		"	*4.80*		*63.6*	*40-275*				
Surrogate: M9PFNA	*0.933*		"	*1.25*		*74.6*	*40-130*				
Surrogate: M2-4:2 FTS	*5.01*		"	*4.69*		*107*	*40-165*				
Surrogate: d-N-MeFOSA	*1.31*		"	*2.50*		*52.2*	*10-130*				
Surrogate: d-N-EtFOSA	*1.38*		"	*2.50*		*55.4*	*10-130*				
Surrogate: M3HFPO-DA	*11.0*		"	*10.0*		*110*	*40-130*				
Surrogate: d9-N-EtFOSE	*15.5*		"	*25.0*		*61.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*16.8*		"	*25.0*		*67.3*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
LCS (BK50481-BS2) LCS								Prepared: 11/09/2025 Analyzed: 11/12/2025			
Perfluorobutanesulfonic acid (PFBS)	0.326	0.177	ug/kg wet	0.354		92.1	65-145				
Perfluorohexanoic acid (PFHxA)	0.347	0.200	"	0.400		86.7	65-140				
Perfluoroheptanoic acid (PFHpA)	0.388	0.200	"	0.400		97.0	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.293	0.183	"	0.366		80.0	60-150				
Perfluorooctanoic acid (PFOA)	0.332	0.200	"	0.400		83.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.395	0.186	"	0.372		106	65-160				
Perfluorononanoic acid (PFNA)	0.332	0.200	"	0.400		83.1	70-155				
Perfluorodecanoic acid (PFDA)	0.329	0.200	"	0.400		82.2	70-155				
Perfluoroundecanoic acid (PFUnA)	0.344	0.200	"	0.400		86.1	70-155				
Perfluorododecanoic acid (PFDoA)	0.310	0.200	"	0.400		77.5	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.359	0.200	"	0.400		89.8	65-150				
Perfluorotetradecanoic acid (PFTA)	0.351	0.200	"	0.400		87.9	65-150				
N-MeFOSAA	0.297	0.200	"	0.400		74.3	65-155				
N-EtFOSAA	0.342	0.500	"	0.400		85.5	65-165				
Perfluoropentanoic acid (PFPeA)	0.701	0.400	"	0.800		87.6	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.368	0.200	"	0.400		92.1	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.314	0.200	"	0.382		82.3	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.312	0.193	"	0.386		80.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.42	0.760	"	1.52		93.4	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.04	0.768	"	1.54		68.0	70-150	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	1.46	0.800	"	1.60		91.5	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.653	0.356	"	0.712		91.7	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.919	0.400	"	0.800		115	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.809	0.400	"	0.800		101	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.808	0.400	"	0.800		101	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.304	0.188	"	0.376		80.9	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.31	0.750	"	1.50		87.3	60-150				
HFPO-DA (Gen-X)	0.571	0.800	"	0.800		71.4	70-145				
11CL-PF3OUdS	0.389	0.756	"	0.756		51.5	45-160				
9CL-PF3ONS	0.381	0.748	"	0.748		51.0	70-150	Low Bias			
ADONA	0.523	0.756	"	0.756		69.2	70-160	Low Bias			
Perfluorododecanesulfonic acid (PFDoS)	0.276	0.194	"	0.388		71.1	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.253	0.192	"	0.384		66.0	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.65	1.00	"	1.60		103	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.22	5.00	"	8.00		103	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.29	5.00	"	8.00		91.1	60-150				
N-MeFOSE	4.01	2.00	"	4.00		100	70-140				
N-MeFOSA	0.382	0.200	"	0.400		95.6	70-155				
N-EtFOSE	3.89	2.00	"	4.00		97.2	70-135				
N-EtFOSA	0.378	0.200	"	0.400		94.4	70-140				
Surrogate: M3PFBS	*2.75*		"	*2.33*		*118*	*40-135*				
Surrogate: M5PFHxA	*3.00*		"	*2.50*		*120*	*40-130*				
Surrogate: M4PFHpA	*2.83*		"	*2.50*		*113*	*40-130*				
Surrogate: M3PFHxS	*2.68*		"	*2.37*		*113*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.50*		*112*	*40-130*				
Surrogate: M6PFDA	*1.44*		"	*1.25*		*115*	*40-130*				
Surrogate: M7PFUdA	*1.28*		"	*1.25*		*103*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.29*		"	*1.25*		*103*	*40-130*				
Surrogate: M2PFTeDA	*1.19*		"	*1.25*		*95.2*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
LCS (BK50481-BS2) LCS									Prepared: 11/09/2025 Analyzed: 11/12/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.4*		*ug/kg wet*	*10.0*		*124*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.45*		*"*	*2.40*		*102*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.21*		*"*	*5.00*		*124*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.31*		*"*	*2.50*		*92.3*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.08*		*"*	*5.00*		*102*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.97*		*"*	*5.00*		*99.3*	*40-150*				
Surrogate: M2-6:2 FTS	*5.60*		*"*	*4.76*		*118*	*40-215*				
Surrogate: M2-8:2 FTS	*5.55*		*"*	*4.80*		*116*	*40-275*				
Surrogate: M9PFNA	*1.46*		*"*	*1.25*		*117*	*40-130*				
Surrogate: M2-4:2 FTS	*6.33*		*"*	*4.69*		*135*	*40-165*				
Surrogate: d-N-MeFOSA	*2.12*		*"*	*2.50*		*84.9*	*10-130*				
Surrogate: d-N-EtFOSA	*2.05*		*"*	*2.50*		*82.1*	*10-130*				
Surrogate: M3HFPO-DA	*12.8*		*"*	*10.0*		*128*	*40-130*				
Surrogate: d9-N-EtFOSE	*23.2*		*"*	*25.0*		*92.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*24.0*		*"*	*25.0*		*95.9*	*20-130*				
Matrix Spike (BK50481-MS1) Matrix Spike *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/09/2025 Analyzed: 11/13/2025		
Perfluorobutanesulfonic acid (PFBS)	4.06	0.188	ug/kg dry	3.77	ND	108	65-145				
Perfluorohexanoic acid (PFHxA)	4.35	0.213	"	4.25	ND	102	65-140				
Perfluoroheptanoic acid (PFHpA)	4.22	0.213	"	4.25	ND	99.1	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.97	0.195	"	3.89	ND	102	60-150				
Perfluorooctanoic acid (PFOA)	4.57	0.213	"	4.25	0.132	104	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.75	0.198	"	3.96	0.400	110	65-160				
Perfluorononanoic acid (PFNA)	4.46	0.213	"	4.25	ND	105	70-155				
Perfluorodecanoic acid (PFDA)	4.81	0.213	"	4.25	ND	113	70-155				
Perfluoroundecanoic acid (PFUnA)	4.56	0.213	"	4.25	ND	107	70-155				
Perfluorododecanoic acid (PFDoA)	4.44	0.213	"	4.25	ND	104	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.77	0.213	"	4.25	ND	112	65-150				
Perfluorotetradecanoic acid (PFTA)	4.58	0.213	"	4.25	ND	108	65-150				
N-MeFOSAA	4.58	0.213	"	4.25	ND	108	65-155				
N-EtFOSAA	4.43	0.532	"	4.25	ND	104	65-165				
Perfluoropentanoic acid (PFPeA)	8.63	0.425	"	8.51	ND	101	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.38	0.213	"	4.25	ND	103	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.25	0.213	"	4.06	ND	105	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	4.36	0.205	"	4.11	ND	106	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.9	0.808	"	16.2	ND	105	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.3	0.817	"	16.3	ND	106	70-150				
Perfluoro-n-butanoic acid (PFBA)	17.8	0.851	"	17.0	ND	104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.63	0.379	"	7.57	ND	101	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.88	0.425	"	8.51	ND	92.7	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.79	0.425	"	8.51	ND	103	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.88	0.425	"	8.51	ND	104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.00	0.200	"	4.00	ND	100	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.6	0.798	"	16.0	ND	104	60-150				
HFPO-DA (Gen-X)	9.20	0.851	"	8.51	ND	108	70-145				
11CL-PF3OUdS	7.54	0.804	"	8.04	ND	93.8	45-160				
9CL-PF3ONS	7.17	0.796	"	7.96	ND	90.2	70-150				
ADONA	8.08	0.804	"	8.04	ND	101	70-160				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50481 - EPA 1633 Prep											
Matrix Spike (BK50481-MS1) Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)										Prepared: 11/09/2025 Analyzed: 11/13/2025
Perfluorododecanesulfonic acid (PFDoS)	3.58	0.206	ug/kg dry	4.13	ND	86.8	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.45	0.204	"	4.08	ND	109	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.6	1.06	"	17.0	ND	97.7	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	81.9	5.32	"	85.1	ND	96.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	85.1	5.32	"	85.1	ND	100	60-150				
N-MeFOSE	44.4	2.13	"	42.5	ND	104	70-140				
N-MeFOSA	4.76	0.213	"	4.25	ND	112	70-155				
N-EtFOSE	44.8	2.13	"	42.5	ND	105	70-135				
N-EtFOSA	4.76	0.213	"	4.25	ND	112	70-140				
Surrogate: M3PFBS	*3.16*		"	*2.48*		*128*	*40-135*				
Surrogate: M5PFHxA	*3.34*		"	*2.66*		*126*	*40-130*				
Surrogate: M4PFHpA	*3.40*		"	*2.66*		*128*	*40-130*				
Surrogate: M3PFHxS	*3.22*		"	*2.52*		*128*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.19*		"	*2.66*		*120*	*40-130*				
Surrogate: M6PFDA	*1.70*		"	*1.33*		*128*	*40-130*				
Surrogate: M7PFUdA	*1.66*		"	*1.33*		*125*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.58*		"	*1.33*		*119*	*40-130*				
Surrogate: M2PFTeDA	*1.33*		"	*1.33*		*100*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.3*		"	*10.6*		*116*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.09*		"	*2.55*		*121*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.68*		"	*5.32*		*126*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.07*		"	*2.66*		*115*	*40-130*				
Surrogate: d3-N-MeFOSAA	*7.13*		"	*5.32*		*134*	*40-135*				
Surrogate: d5-N-EtFOSAA	*6.98*		"	*5.32*		*131*	*40-150*				
Surrogate: M2-6:2 FTS	*6.13*		"	*5.06*		*121*	*40-215*				
Surrogate: M2-8:2 FTS	*6.41*		"	*5.11*		*125*	*40-275*				
Surrogate: M9PFNA	*1.63*		"	*1.33*		*123*	*40-130*				
Surrogate: M2-4:2 FTS	*6.34*		"	*4.99*		*127*	*40-165*				
Surrogate: d-N-MeFOSA	*2.58*		"	*2.66*		*97.2*	*10-130*				
Surrogate: d-N-EtFOSA	*2.20*		"	*2.66*		*82.7*	*10-130*				
Surrogate: M3HFPO-DA	*14.4*		"	*10.6*		*136*	*40-130*				
Surrogate: d9-N-EtFOSE	*24.1*		"	*26.6*		*90.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*25.1*		"	*26.6*		*94.3*	*20-130*				

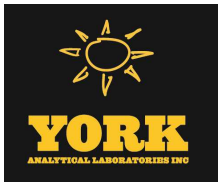
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK50481 - EPA 1633 Prep

Matrix Spike Dup (BK50481- Matrix Spike Dup *Source sample: 25K0346-07 (SB-11_0-2) Prepared: 11/09/2025 Analyzed: 11/13/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	3.91	0.188	ug/kg dry	3.77	ND	104	65-145		3.55	35	
Perfluorohexanoic acid (PFHxA)	4.21	0.213	"	4.25	ND	98.9	65-140		3.30	35	
Perfluoroheptanoic acid (PFHpA)	4.01	0.213	"	4.25	ND	94.2	65-145		5.10	35	
Perfluorohexanesulfonic acid (PFHxS)	3.98	0.195	"	3.89	ND	102	60-150		0.0365	35	
Perfluorooctanoic acid (PFOA)	4.51	0.213	"	4.25	0.132	103	70-150		1.33	35	
Perfluorooctanesulfonic acid (PFOS)	4.44	0.198	"	3.96	0.400	102	65-160		6.67	35	
Perfluorononanoic acid (PFNA)	4.66	0.213	"	4.25	ND	110	70-155		4.33	35	
Perfluorodecanoic acid (PFDA)	4.66	0.213	"	4.25	ND	110	70-155		3.11	35	
Perfluoroundecanoic acid (PFUnA)	4.47	0.213	"	4.25	ND	105	70-155		2.03	35	
Perfluorododecanoic acid (PFDoA)	4.53	0.213	"	4.25	ND	106	70-150		1.95	35	
Perfluorotridecanoic acid (PFTrDA)	4.56	0.213	"	4.25	ND	107	65-150		4.46	35	
Perfluorotetradecanoic acid (PFTA)	4.41	0.213	"	4.25	ND	104	65-150		3.71	35	
N-MeFOSAA	4.44	0.213	"	4.25	ND	104	65-155		3.09	35	
N-EtFOSAA	4.64	0.532	"	4.25	ND	109	65-165		4.67	35	
Perfluoropentanoic acid (PFPeA)	8.32	0.425	"	8.51	ND	97.8	60-150		3.64	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.31	0.213	"	4.25	ND	101	70-140		1.41	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.94	0.213	"	4.06	ND	97.0	65-155		7.50	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.10	0.205	"	4.11	ND	99.9	40-155		6.24	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.1	0.808	"	16.2	ND	99.4	55-200		5.08	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.6	0.817	"	16.3	ND	102	70-150		3.98	35	
Perfluoro-n-butanoic acid (PFBA)	17.1	0.851	"	17.0	ND	100	70-140		3.97	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.43	0.379	"	7.57	ND	98.1	70-140		2.64	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.57	0.425	"	8.51	ND	88.9	60-155		4.13	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.46	0.425	"	8.51	ND	99.4	30-140		3.81	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.44	0.425	"	8.51	ND	99.2	60-150		5.00	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.93	0.200	"	4.00	ND	98.3	55-160		1.67	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.3	0.798	"	16.0	ND	95.9	60-150		8.16	30	
HFPO-DA (Gen-X)	8.46	0.851	"	8.51	ND	99.4	70-145		8.37	30	
11CL-PF3OUdS	7.64	0.804	"	8.04	ND	95.1	45-160		1.38	30	
9CL-PF3ONS	7.35	0.796	"	7.96	ND	92.4	70-150		2.47	30	
ADONA	7.71	0.804	"	8.04	ND	95.9	70-160		4.68	30	
Perfluorododecanesulfonic acid (PFDoS)	3.88	0.206	"	4.13	ND	94.0	25-160		8.01	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.36	0.204	"	4.08	ND	107	55-140		2.20	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.1	1.06	"	17.0	ND	94.8	45-130		3.00	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	79.5	5.32	"	85.1	ND	93.4	60-130		2.98	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	82.6	5.32	"	85.1	ND	97.1	60-150		2.91	30	
N-MeFOSE	42.8	2.13	"	42.5	ND	101	70-140		3.60	30	
N-MeFOSA	4.35	0.213	"	4.25	ND	102	70-155		9.13	30	
N-EtFOSE	41.3	2.13	"	42.5	ND	97.0	70-135		8.28	30	
N-EtFOSA	4.29	0.213	"	4.25	ND	101	70-140		10.4	30	
Surrogate: M3PFBS	*2.86*		"	*2.48*		*116*	*40-135*				
Surrogate: M5PFHxA	*3.03*		"	*2.66*		*114*	*40-130*				
Surrogate: M4PFHpA	*3.14*		"	*2.66*		*118*	*40-130*				
Surrogate: M3PFHxS	*2.96*		"	*2.52*		*118*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.66*		*114*	*40-130*				
Surrogate: M6PFDA	*1.61*		"	*1.33*		*121*	*40-130*				
Surrogate: M7PFUdA	*1.51*		"	*1.33*		*113*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.50*		"	*1.33*		*113*	*40-130*				
Surrogate: M2PFTeDA	*1.35*		"	*1.33*		*102*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK50481 - EPA 1633 Prep

Matrix Spike Dup (BK50481- Matrix Spike Dup *Source sample: 25K0346-07 (SB-11_0-2) Prepared: 11/09/2025 Analyzed: 11/13/2025

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg dry*	*10.6*		*105*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.79*		*"*	*2.55*		*110*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.99*		*"*	*5.32*		*113*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.79*		*"*	*2.66*		*105*	*40-130*				
Surrogate: d3-N-MeFOSAA	*6.32*		*"*	*5.32*		*119*	*40-135*				
Surrogate: d5-N-EtFOSAA	*6.06*		*"*	*5.32*		*114*	*40-150*				
Surrogate: M2-6:2 FTS	*5.46*		*"*	*5.06*		*108*	*40-215*				
Surrogate: M2-8:2 FTS	*5.76*		*"*	*5.11*		*113*	*40-275*				
Surrogate: M9PFNA	*1.48*		*"*	*1.33*		*111*	*40-130*				
Surrogate: M2-4:2 FTS	*5.83*		*"*	*4.99*		*117*	*40-165*				
Surrogate: d-N-MeFOSA	*2.45*		*"*	*2.66*		*92.3*	*10-130*				
Surrogate: d-N-EtFOSA	*2.19*		*"*	*2.66*		*82.3*	*10-130*				
Surrogate: M3HFPO-DA	*13.1*		*"*	*10.6*		*123*	*40-130*				
Surrogate: d9-N-EtFOSE	*24.8*		*"*	*26.6*		*93.1*	*15-130*				
Surrogate: d7-N-MeFOSE	*24.9*		*"*	*26.6*		*93.5*	*20-130*				

Batch BK50623 - EPA 1633 Prep

Blank (BK50623-BLK1) Blank Prepared: 11/11/2025 Analyzed: 11/13/2025

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	5.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
Blank (BK50623-BLK1) Blank									Prepared: 11/11/2025 Analyzed: 11/13/2025		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*26.9*		"	*23.3*		*115*	*40-135*				
Surrogate: M5PFHxA	*27.4*		"	*25.0*		*110*	*40-130*				
Surrogate: M4PFHpA	*27.2*		"	*25.0*		*109*	*40-130*				
Surrogate: M3PFHxS	*25.6*		"	*23.7*		*108*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.2*		"	*25.0*		*105*	*40-130*				
Surrogate: M6PFDA	*14.5*		"	*12.5*		*116*	*40-130*				
Surrogate: M7PFUdA	*13.0*		"	*12.5*		*104*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.2*		"	*12.5*		*97.4*	*10-130*				
Surrogate: M2PFTeDA	*10.3*		"	*12.5*		*82.5*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*105*		"	*100*		*105*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.1*		"	*24.0*		*113*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.7*		"	*50.0*		*113*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.9*		"	*25.0*		*119*	*40-130*				
Surrogate: d3-N-MeFOSAA	*52.7*		"	*50.0*		*105*	*40-170*				
Surrogate: d5-N-EtFOSAA	*48.3*		"	*50.0*		*96.7*	*25-135*				
Surrogate: M2-6:2 FTS	*65.4*		"	*47.6*		*137*	*40-200*				
Surrogate: M2-8:2 FTS	*75.0*		"	*48.0*		*156*	*40-300*				
Surrogate: M9PFNA	*14.0*		"	*12.5*		*112*	*40-130*				
Surrogate: M2-4:2 FTS	*68.8*		"	*46.9*		*147*	*40-200*				
Surrogate: d-N-MeFOSA	*24.2*		"	*25.0*		*96.9*	*10-130*				
Surrogate: d-N-EtFOSA	*22.4*		"	*25.0*		*89.5*	*10-130*				
Surrogate: M3HFPO-DA	*109*		"	*100*		*109*	*40-130*				
Surrogate: d9-N-EtFOSE	*232*		"	*250*		*92.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*225*		"	*250*		*90.0*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
LCS (BK50623-BS1) LCS									Prepared: 11/11/2025 Analyzed: 11/13/2025		
Perfluorobutanesulfonic acid (PFBS)	37.0	1.77	ng/L	35.4		104	60-145				
Perfluorohexanoic acid (PFHxA)	40.6	2.00	"	40.0		102	70-145				
Perfluoroheptanoic acid (PFHpA)	38.7	2.00	"	40.0		96.7	70-150				
Perfluorohexanesulfonic acid (PFHxS)	40.5	1.83	"	36.6		111	65-145				
Perfluorooctanoic acid (PFOA)	40.7	2.00	"	40.0		102	70-150				
Perfluorooctanesulfonic acid (PFOS)	38.5	1.86	"	37.2		103	55-150				
Perfluorononanoic acid (PFNA)	42.6	2.00	"	40.0		106	70-150				
Perfluorodecanoic acid (PFDA)	40.6	2.00	"	40.0		102	70-140				
Perfluoroundecanoic acid (PFUnA)	43.8	2.00	"	40.0		109	70-145				
Perfluorododecanoic acid (PFDoA)	39.3	2.00	"	40.0		98.4	70-140				
Perfluorotridecanoic acid (PFTrDA)	42.6	2.00	"	40.0		107	65-140				
Perfluorotetradecanoic acid (PFTA)	40.9	2.00	"	40.0		102	60-140				
N-MeFOSAA	43.8	2.00	"	40.0		109	50-140				
N-EtFOSAA	46.5	5.00	"	40.0		116	70-145				
Perfluoropentanoic acid (PFPeA)	80.5	4.00	"	80.0		101	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	42.7	2.00	"	40.0		107	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.2	1.91	"	38.2		97.5	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	37.8	1.93	"	38.6		97.8	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	151	7.60	"	152		99.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	172	7.68	"	154		112	60-150				
Perfluoro-n-butanoic acid (PFBA)	161	8.00	"	160		101	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.9	3.56	"	71.2		101	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	75.8	4.00	"	80.0		94.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	82.0	4.00	"	80.0		103	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	83.3	4.00	"	80.0		104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.1	1.88	"	37.6		107	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	142	7.50	"	150		94.7	70-145				
HFPO-DA (Gen-X)	93.3	8.00	"	80.0		117	70-140				
11CL-PF3OUdS	77.5	7.56	"	75.6		102	55-160				
9CL-PF3ONS	79.6	7.48	"	74.8		106	70-155				
ADONA	88.6	7.56	"	75.6		117	65-145				
Perfluorododecanesulfonic acid (PFDoS)	33.5	1.94	"	38.8		86.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	41.9	1.92	"	38.4		109	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	169	10.0	"	160		106	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	848	50.0	"	800		106	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1000	50.0	"	800		125	50-145				
N-MeFOSE	442	20.0	"	400		111	70-145				
N-MeFOSA	45.1	2.00	"	40.0		113	60-150				
N-EtFOSE	439	20.0	"	400		110	70-135				
N-EtFOSA	41.4	2.00	"	40.0		104	65-145				
Surrogate: M3PFBS	*29.0*		"	*23.3*		*124*	*40-135*				
Surrogate: M5PFHxA	*29.5*		"	*25.0*		*118*	*40-130*				
Surrogate: M4PFHpA	*30.2*		"	*25.0*		*121*	*40-130*				
Surrogate: M3PFHxS	*28.3*		"	*23.7*		*119*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.3*		"	*25.0*		*121*	*40-130*				
Surrogate: M6PFDA	*15.1*		"	*12.5*		*120*	*40-130*				
Surrogate: M7PFUdA	*14.8*		"	*12.5*		*118*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.1*		"	*12.5*		*113*	*10-130*				
Surrogate: M2PFTeDA	*11.8*		"	*12.5*		*94.2*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
LCS (BK50623-BS1) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*116*		*ng/L*	*100*		*116*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.1*		*"*	*24.0*		*117*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*61.3*		*"*	*50.0*		*123*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.0*		*"*	*25.0*		*116*	*40-130*				
Surrogate: d3-N-MeFOSAA	*61.3*		*"*	*50.0*		*123*	*40-170*				
Surrogate: d5-N-EtFOSAA	*49.9*		*"*	*50.0*		*99.7*	*25-135*				
Surrogate: M2-6:2 FTS	*62.7*		*"*	*47.6*		*132*	*40-200*				
Surrogate: M2-8:2 FTS	*71.7*		*"*	*48.0*		*149*	*40-300*				
Surrogate: M9PFNA	*14.0*		*"*	*12.5*		*112*	*40-130*				
Surrogate: M2-4:2 FTS	*65.2*		*"*	*46.9*		*139*	*40-200*				
Surrogate: d-N-MeFOSA	*25.1*		*"*	*25.0*		*100*	*10-130*				
Surrogate: d-N-EtFOSA	*25.7*		*"*	*25.0*		*103*	*10-130*				
Surrogate: M3HFPO-DA	*111*		*"*	*100*		*111*	*40-130*				
Surrogate: d9-N-EtFOSE	*257*		*"*	*250*		*103*	*10-130*				
Surrogate: d7-N-MeFOSE	*246*		*"*	*250*		*98.4*	*10-130*				
LCS (BK50623-BS2) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorobutanesulfonic acid (PFBS)	2.53	1.77	ng/L	3.54		71.5	60-145				
Perfluorohexanoic acid (PFHxA)	2.67	2.00	"	4.00		66.9	70-145	Low Bias			
Perfluoroheptanoic acid (PFHpA)	3.07	2.00	"	4.00		76.7	70-150				
Perfluorohexanesulfonic acid (PFHxS)	2.29	1.83	"	3.66		62.4	65-145	Low Bias			
Perfluorooctanoic acid (PFOA)	2.77	2.00	"	4.00		69.4	70-150	Low Bias			
Perfluorooctanesulfonic acid (PFOS)	2.88	1.86	"	3.72		77.5	55-150				
Perfluorononanoic acid (PFNA)	2.68	2.00	"	4.00		67.0	70-150	Low Bias			
Perfluorodecanoic acid (PFDA)	2.47	2.00	"	4.00		61.8	70-140	Low Bias			
Perfluoroundecanoic acid (PFUnA)	2.88	2.00	"	4.00		72.0	70-145				
Perfluorododecanoic acid (PFDoA)	2.52	2.00	"	4.00		63.0	70-140	Low Bias			
Perfluorotridecanoic acid (PFTrDA)	2.96	2.00	"	4.00		73.9	65-140				
Perfluorotetradecanoic acid (PFTA)	2.76	2.00	"	4.00		69.1	60-140				
N-MeFOSAA	2.92	2.00	"	4.00		73.1	50-140				
N-EtFOSAA	2.46	5.00	"	4.00		61.5	70-145	Low Bias			
Perfluoropentanoic acid (PFPeA)	5.76	4.00	"	8.00		72.1	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	2.77	2.00	"	4.00		69.2	70-145	Low Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.37	1.91	"	3.82		62.2	70-150	Low Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	3.00	1.93	"	3.86		77.8	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	10.9	7.60	"	15.2		71.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	9.33	7.68	"	15.4		60.8	60-150				
Perfluoro-n-butanoic acid (PFBA)	12.1	8.00	"	16.0		75.5	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.47	3.56	"	7.12		76.8	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.92	4.00	"	8.00		86.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.47	4.00	"	8.00		80.9	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.72	4.00	"	8.00		84.0	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.42	1.88	"	3.76		64.3	65-140	Low Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.3	7.50	"	15.0		75.4	70-145				
HFPO-DA (Gen-X)	6.64	8.00	"	8.00		83.0	70-140				
11CL-PF3OUdS	4.15	7.56	"	7.56		54.9	55-160	Low Bias			
9CL-PF3ONS	4.28	7.48	"	7.48		57.2	70-155	Low Bias			
ADONA	4.97	7.56	"	7.56		65.7	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
LCS (BK50623-BS2) LCS								Prepared: 11/11/2025 Analyzed: 11/13/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.19	1.94	ng/L	3.88		56.5	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.43	1.92	"	3.84		63.3	65-145	Low Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.8	10.0	"	16.0		86.4	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	71.5	50.0	"	80.0		89.4	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	77.6	50.0	"	80.0		97.0	50-145				
N-MeFOSE	32.8	20.0	"	40.0		82.1	70-145				
N-MeFOSA	3.20	2.00	"	4.00		80.0	60-150				
N-EtFOSE	33.0	20.0	"	40.0		82.6	70-135				
N-EtFOSA	3.61	2.00	"	4.00		90.2	65-145				
Surrogate: M3PFBS	*27.3*		"	*23.3*		*117*	*40-135*				
Surrogate: M5PFHxA	*27.1*		"	*25.0*		*108*	*40-130*				
Surrogate: M4PFHpA	*26.6*		"	*25.0*		*106*	*40-130*				
Surrogate: M3PFHxS	*26.2*		"	*23.7*		*110*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.0*		"	*25.0*		*108*	*40-130*				
Surrogate: M6PFDA	*14.7*		"	*12.5*		*117*	*40-130*				
Surrogate: M7PFUdA	*12.5*		"	*12.5*		*100*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.5*		"	*12.5*		*100*	*10-130*				
Surrogate: M2PFTeDA	*10.1*		"	*12.5*		*81.0*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*108*		"	*100*		*108*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.2*		"	*24.0*		*109*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*55.6*		"	*50.0*		*111*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.2*		"	*25.0*		*113*	*40-130*				
Surrogate: d3-N-MeFOSAA	*57.1*		"	*50.0*		*114*	*40-170*				
Surrogate: d5-N-EtFOSAA	*51.4*		"	*50.0*		*103*	*25-135*				
Surrogate: M2-6:2 FTS	*66.6*		"	*47.6*		*140*	*40-200*				
Surrogate: M2-8:2 FTS	*74.4*		"	*48.0*		*155*	*40-300*				
Surrogate: M9PFNA	*13.8*		"	*12.5*		*110*	*40-130*				
Surrogate: M2-4:2 FTS	*65.5*		"	*46.9*		*140*	*40-200*				
Surrogate: d-N-MeFOSA	*23.5*		"	*25.0*		*94.0*	*10-130*				
Surrogate: d-N-EtFOSA	*23.6*		"	*25.0*		*94.6*	*10-130*				
Surrogate: M3HFPO-DA	*109*		"	*100*		*109*	*40-130*				
Surrogate: d9-N-EtFOSE	*245*		"	*250*		*97.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*242*		"	*250*		*96.9*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
Duplicate (BK50623-DUP1) Duplicate	*Source sample: 25K0346-01 (SOFB01_110625)								Prepared: 11/11/2025 Analyzed: 11/14/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.82	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	2.06	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	2.06	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.89	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	2.06	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.92	"		1.68					30	
Perfluorononanoic acid (PFNA)	ND	2.06	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.06	"		0.898					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.06	"		17.1					30	
Perfluorododecanoic acid (PFDoA)	ND	2.06	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.06	"		5.39					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.06	"		ND					30	
N-MeFOSAA	ND	2.06	"		ND					30	
N-EtFOSAA	ND	5.15	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	4.12	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.06	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.97	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.99	"		8.46					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.84	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.92	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	8.25	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.67	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.12	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.12	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.12	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.94	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.73	"		ND					30	
HFPO-DA (Gen-X)	ND	8.25	"		ND					30	
11CL-PF3OUdS	ND	7.79	"		ND					30	
9CL-PF3ONS	ND	7.71	"		ND					30	
ADONA	ND	7.79	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.98	"		2.43					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.3	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	51.5	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	51.5	"		ND					30	
N-MeFOSE	ND	20.6	"		ND					30	
N-MeFOSA	ND	2.06	"		11.1					30	
N-EtFOSE	ND	20.6	"		ND					30	
N-EtFOSA	ND	2.06	"		ND					30	
Surrogate: M3PFBS	*33.6*		"	*24.0*		*140*	*40-135*				
Surrogate: M5PFHxA	*33.2*		"	*25.8*		*129*	*40-130*				
Surrogate: M4PFHpA	*35.6*		"	*25.8*		*138*	*40-130*				
Surrogate: M3PFHxS	*32.3*		"	*24.4*		*132*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.7*		"	*25.8*		*127*	*40-130*				
Surrogate: M6PFDA	*16.8*		"	*12.9*		*131*	*40-130*				
Surrogate: M7PFUdA	*16.8*		"	*12.9*		*131*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.8*		"	*12.9*		*123*	*10-130*				
Surrogate: M2PFTeDA	*13.9*		"	*12.9*		*108*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50623 - EPA 1633 Prep											
Duplicate (BK50623-DUP1) Duplicate *Source sample: 25K0346-01 (SOFB01_110625) Prepared: 11/11/2025 Analyzed: 11/14/2025											
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*121*		*ng/L*	*103*		*117*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.7*		*"*	*24.7*		*136*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*69.1*		*"*	*51.5*		*134*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.7*		*"*	*25.8*		*138*	*40-130*				
Surrogate: d3-N-MeFOSAA	*70.2*		*"*	*51.5*		*136*	*40-170*				
Surrogate: d5-N-EtFOSAA	*65.5*		*"*	*51.5*		*127*	*25-135*				
Surrogate: M2-6:2 FTS	*78.8*		*"*	*49.0*		*161*	*40-200*				
Surrogate: M2-8:2 FTS	*90.0*		*"*	*49.5*		*182*	*40-300*				
Surrogate: M9PFNA	*16.6*		*"*	*12.9*		*129*	*40-130*				
Surrogate: M2-4:2 FTS	*80.9*		*"*	*48.4*		*167*	*40-200*				
Surrogate: d-N-MeFOSA	*28.9*		*"*	*25.8*		*112*	*10-130*				
Surrogate: d-N-EtFOSA	*27.4*		*"*	*25.8*		*106*	*10-130*				
Surrogate: M3HFPO-DA	*139*		*"*	*103*		*135*	*40-130*				
Surrogate: d9-N-EtFOSE	*309*		*"*	*258*		*120*	*10-130*				
Surrogate: d7-N-MeFOSE	*281*		*"*	*258*		*109*	*10-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50422 - EPA 3546 PPCB											
Blank (BK50422-BLK1) Blank									Prepared: 11/07/2025 Analyzed: 11/09/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0573*		"	*0.0664*		*86.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0731*		"	*0.0664*		*110*	*30-150*				
LCS (BK50422-BS1) LCS									Prepared: 11/07/2025 Analyzed: 11/09/2025		
4,4'-DDD	0.0311	0.00164	mg/kg wet	0.0332		93.6	40-140				
4,4'-DDE	0.0311	0.00164	"	0.0332		93.7	40-140				
4,4'-DDT	0.0317	0.00164	"	0.0332		95.3	40-140				
Aldrin	0.0318	0.00164	"	0.0332		95.8	40-140				
alpha-BHC	0.0337	0.00164	"	0.0332		101	40-140				
alpha-Chlordane	0.0313	0.00164	"	0.0332		94.1	40-140				
beta-BHC	0.0383	0.00164	"	0.0332		115	40-140				
delta-BHC	0.0253	0.00164	"	0.0332		76.2	40-140				
Dieldrin	0.0318	0.00164	"	0.0332		95.7	40-140				
Endosulfan I	0.0334	0.00164	"	0.0332		101	40-140				
Endosulfan II	0.0342	0.00164	"	0.0332		103	40-140				
Endosulfan sulfate	0.0305	0.00164	"	0.0332		91.9	40-140				
Endrin	0.0327	0.00164	"	0.0332		98.4	40-140				
Endrin aldehyde	0.0306	0.00164	"	0.0332		92.2	40-140				
Endrin ketone	0.0301	0.00164	"	0.0332		90.7	40-140				
gamma-BHC (Lindane)	0.0332	0.00164	"	0.0332		100	40-140				
gamma-Chlordane	0.0315	0.00164	"	0.0332		94.8	40-140				
Heptachlor	0.0323	0.00164	"	0.0332		97.2	40-140				
Heptachlor epoxide	0.0330	0.00164	"	0.0332		99.3	40-140				
Methoxychlor	0.0354	0.00164	"	0.0332		107	40-140				
Surrogate: Decachlorobiphenyl	*0.0571*		"	*0.0664*		*86.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0775*		"	*0.0664*		*117*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50422 - EPA 3546 PPCB											
Matrix Spike (BK50422-MS1) Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/07/2025 Analyzed: 11/09/2025		
4,4'-DDD	0.0282	0.00175	mg/kg dry	0.0353	ND	80.0	30-150				
4,4'-DDE	0.0275	0.00175	"	0.0353	ND	77.7	30-150				
4,4'-DDT	0.0302	0.00175	"	0.0353	ND	85.4	30-150				
Aldrin	0.0288	0.00175	"	0.0353	ND	81.6	30-150				
alpha-BHC	0.0309	0.00175	"	0.0353	ND	87.5	30-150				
alpha-Chlordane	0.0275	0.00175	"	0.0353	ND	77.7	30-150				
beta-BHC	0.0323	0.00175	"	0.0353	ND	91.5	30-150				
delta-BHC	0.0221	0.00175	"	0.0353	ND	62.6	30-150				
Dieldrin	0.0282	0.00175	"	0.0353	ND	79.8	30-150				
Endosulfan I	0.0294	0.00175	"	0.0353	ND	83.2	30-150				
Endosulfan II	0.0318	0.00175	"	0.0353	ND	89.9	30-150				
Endosulfan sulfate	0.0293	0.00175	"	0.0353	ND	83.1	30-150				
Endrin	0.0295	0.00175	"	0.0353	ND	83.5	30-150				
Endrin aldehyde	0.0291	0.00175	"	0.0353	ND	82.2	30-150				
Endrin ketone	0.0295	0.00175	"	0.0353	ND	83.4	30-150				
gamma-BHC (Lindane)	0.0304	0.00175	"	0.0353	ND	86.2	30-150				
gamma-Chlordane	0.0267	0.00175	"	0.0353	ND	75.6	30-150				
Heptachlor	0.0295	0.00175	"	0.0353	ND	83.5	30-150				
Heptachlor epoxide	0.0296	0.00175	"	0.0353	ND	83.9	30-150				
Methoxychlor	0.0374	0.00175	"	0.0353	ND	106	30-150				
Surrogate: Decachlorobiphenyl	*0.0601*		*"*	*0.0707*		*85.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0739*		*"*	*0.0707*		*105*	*30-150*				
Matrix Spike Dup (BK50422- Matrix Spike Dup	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/07/2025 Analyzed: 11/09/2025		
4,4'-DDD	0.0317	0.00175	mg/kg dry	0.0353	ND	89.8	30-150		11.6	30	
4,4'-DDE	0.0310	0.00175	"	0.0353	ND	87.8	30-150		12.1	30	
4,4'-DDT	0.0339	0.00175	"	0.0353	ND	95.9	30-150		11.6	30	
Aldrin	0.0308	0.00175	"	0.0353	ND	87.1	30-150		6.49	30	
alpha-BHC	0.0320	0.00175	"	0.0353	ND	90.6	30-150		3.45	30	
alpha-Chlordane	0.0301	0.00175	"	0.0353	ND	85.1	30-150		9.04	30	
beta-BHC	0.0344	0.00175	"	0.0353	ND	97.2	30-150		6.08	30	
delta-BHC	0.0239	0.00175	"	0.0353	ND	67.6	30-150		7.67	30	
Dieldrin	0.0311	0.00175	"	0.0353	ND	88.0	30-150		9.76	30	
Endosulfan I	0.0320	0.00175	"	0.0353	ND	90.6	30-150		8.56	30	
Endosulfan II	0.0354	0.00175	"	0.0353	ND	100	30-150		10.8	30	
Endosulfan sulfate	0.0321	0.00175	"	0.0353	ND	90.9	30-150		9.03	30	
Endrin	0.0332	0.00175	"	0.0353	ND	94.0	30-150		11.8	30	
Endrin aldehyde	0.0318	0.00175	"	0.0353	ND	89.9	30-150		8.93	30	
Endrin ketone	0.0321	0.00175	"	0.0353	ND	90.8	30-150		8.44	30	
gamma-BHC (Lindane)	0.0318	0.00175	"	0.0353	ND	90.1	30-150		4.49	30	
gamma-Chlordane	0.0292	0.00175	"	0.0353	ND	82.7	30-150		8.99	30	
Heptachlor	0.0317	0.00175	"	0.0353	ND	89.7	30-150		7.14	30	
Heptachlor epoxide	0.0321	0.00175	"	0.0353	ND	90.9	30-150		7.99	30	
Methoxychlor	0.0402	0.00175	"	0.0353	ND	114	30-150		7.36	30	
Surrogate: Decachlorobiphenyl	*0.0639*		*"*	*0.0707*		*90.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0786*		*"*	*0.0707*		*111*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50465 - EPA SW846-3510C Low Level											
Blank (BK50465-BLK1) Blank									Prepared: 11/08/2025 Analyzed: 11/09/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.0931*		"	*0.200*		*46.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0798*		"	*0.200*		*39.9*	*30-150*				
LCS (BK50465-BS1) LCS									Prepared: 11/08/2025 Analyzed: 11/09/2025		
4,4'-DDD	0.0717	0.00400	ug/L	0.100		71.7	40-140			20	
4,4'-DDE	0.0661	0.00400	"	0.100		66.1	40-140			20	
4,4'-DDT	0.0803	0.00400	"	0.100		80.3	40-140			20	
Aldrin	0.0533	0.00400	"	0.100		53.3	40-140			20	
alpha-BHC	0.0590	0.00400	"	0.100		59.0	40-140			20	
alpha-Chlordane	0.0591	0.00400	"	0.100		59.1	40-140			20	
beta-BHC	0.0698	0.00400	"	0.100		69.8	40-140			20	
delta-BHC	0.0556	0.00400	"	0.100		55.6	40-140			20	
Dieldrin	0.0634	0.00200	"	0.100		63.4	40-140			20	
Endosulfan I	0.0617	0.00400	"	0.100		61.7	40-140			20	
Endosulfan II	0.0779	0.00400	"	0.100		77.9	40-140			20	
Endosulfan sulfate	0.0750	0.00400	"	0.100		75.0	40-140			20	
Endrin	0.0693	0.00400	"	0.100		69.3	40-140			20	
Endrin aldehyde	0.0693	0.0100	"	0.100		69.3	40-140			20	
Endrin ketone	0.0819	0.0100	"	0.100		81.9	40-140			20	
gamma-BHC (Lindane)	0.0612	0.00400	"	0.100		61.2	40-140			20	
gamma-Chlordane	0.0594	0.0100	"	0.100		59.4	40-140			20	
Heptachlor	0.0611	0.00400	"	0.100		61.1	40-140			20	
Heptachlor epoxide	0.0622	0.00400	"	0.100		62.2	40-140			20	
Methoxychlor	0.0970	0.00400	"	0.100		97.0	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0988*		"	*0.200*		*49.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.124*		"	*0.200*		*62.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50465 - EPA SW846-3510C Low Level											
LCS Dup (BK50465-BSD1) LCS Dup									Prepared: 11/08/2025 Analyzed: 11/09/2025		
4,4'-DDD	0.0636	0.00400	ug/L	0.100		63.6	40-140		12.0	20	
4,4'-DDE	0.0604	0.00400	"	0.100		60.4	40-140		9.09	20	
4,4'-DDT	0.0698	0.00400	"	0.100		69.8	40-140		14.0	20	
Aldrin	0.0498	0.00400	"	0.100		49.8	40-140		6.80	20	
alpha-BHC	0.0529	0.00400	"	0.100		52.9	40-140		10.9	20	
alpha-Chlordane	0.0549	0.00400	"	0.100		54.9	40-140		7.48	20	
beta-BHC	0.0636	0.00400	"	0.100		63.6	40-140		9.30	20	
delta-BHC	0.0508	0.00400	"	0.100		50.8	40-140		9.00	20	
Dieldrin	0.0590	0.00200	"	0.100		59.0	40-140		7.32	20	
Endosulfan I	0.0577	0.00400	"	0.100		57.7	40-140		6.66	20	
Endosulfan II	0.0692	0.00400	"	0.100		69.2	40-140		11.7	20	
Endosulfan sulfate	0.0652	0.00400	"	0.100		65.2	40-140		13.9	20	
Endrin	0.0640	0.00400	"	0.100		64.0	40-140		7.93	20	
Endrin aldehyde	0.0644	0.0100	"	0.100		64.4	40-140		7.34	20	
Endrin ketone	0.0730	0.0100	"	0.100		73.0	40-140		11.5	20	
gamma-BHC (Lindane)	0.0557	0.00400	"	0.100		55.7	40-140		9.43	20	
gamma-Chlordane	0.0555	0.0100	"	0.100		55.5	40-140		6.87	20	
Heptachlor	0.0567	0.00400	"	0.100		56.7	40-140		7.46	20	
Heptachlor epoxide	0.0583	0.00400	"	0.100		58.3	40-140		6.36	20	
Methoxychlor	0.0844	0.00400	"	0.100		84.4	40-140		13.9	20	
Surrogate: Decachlorobiphenyl	*0.0918*		"	*0.200*		*45.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.123*		"	*0.200*		*61.4*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50421 - EPA 3546 PPCB											
Blank (BK50421-BLK1) Blank									Prepared: 11/07/2025 Analyzed: 11/08/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0581*		"	*0.0664*		*87.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0548*		"	*0.0664*		*82.5*	*30-120*				
LCS (BK50421-BS2) LCS									Prepared: 11/07/2025 Analyzed: 11/08/2025		
Aroclor 1016	0.361	0.0166	mg/kg wet	0.332		109	40-130				
Aroclor 1260	0.359	0.0166	"	0.332		108	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0532*		"	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
Matrix Spike (BK50421-MS2) Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/07/2025 Analyzed: 11/08/2025		
Aroclor 1016	0.0950	0.0177	mg/kg dry	0.353	ND	26.9	40-140	Low Bias			
Aroclor 1260	0.193	0.0177	"	0.353	ND	54.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0484*		"	*0.0707*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0491*		"	*0.0707*		*69.5*	*30-120*				
Matrix Spike Dup (BK50421- Matrix Spike Dup	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/07/2025 Analyzed: 11/08/2025		
Aroclor 1016	0.152	0.0177	mg/kg dry	0.353	ND	43.0	40-140		46.2	50	
Aroclor 1260	0.243	0.0177	"	0.353	ND	68.7	40-140		22.9	50	
Surrogate: Tetrachloro-m-xylene	*0.0523*		"	*0.0707*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0505*		"	*0.0707*		*71.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50464 - EPA SW846-3510C Low Level											
Blank (BK50464-BLK2) Blank									Prepared: 11/08/2025 Analyzed: 11/09/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0640*		"	*0.200*		*32.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		"	*0.200*		*52.5*	*30-120*				
LCS (BK50464-BS2) LCS									Prepared: 11/08/2025 Analyzed: 11/09/2025		
Aroclor 1016	0.707	0.0500	ug/L	1.00		70.7	40-120				
Aroclor 1260	0.663	0.0500	"	1.00		66.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.117*		"	*0.200*		*58.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.103*		"	*0.200*		*51.5*	*30-120*				
LCS Dup (BK50464-BSD2) LCS Dup									Prepared: 11/08/2025 Analyzed: 11/09/2025		
Aroclor 1016	0.734	0.0500	ug/L	1.00		73.4	40-120		3.64	30	
Aroclor 1260	0.685	0.0500	"	1.00		68.5	40-120		3.29	30	
Surrogate: Tetrachloro-m-xylene	*0.105*		"	*0.200*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.101*		"	*0.200*		*50.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50461 - EPA 3550C/8151A											
Blank (BK50461-BLK1) Blank									Prepared: 11/08/2025 Analyzed: 11/10/2025		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.182*		"	*0.415*		*43.8*	*21-150*				
LCS (BK50461-BS1) LCS									Prepared: 11/08/2025 Analyzed: 11/10/2025		
2,4,5-T	0.0482	0.0199	mg/kg wet	0.0664		72.5	10-120				
2,4,5-TP (Silvex)	0.0407	0.0199	"	0.0664		61.2	10-120				
2,4-D	0.0332	0.0199	"	0.0664		50.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.306*		"	*0.415*		*73.6*	*21-150*				
Matrix Spike (BK50461-MS1) Matrix Spike *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/08/2025 Analyzed: 11/10/2025		
2,4,5-T	0.0442	0.0212	mg/kg dry	0.0707	ND	62.5	10-120				
2,4,5-TP (Silvex)	0.0548	0.0212	"	0.0707	ND	77.5	10-120				
2,4-D	0.0415	0.0212	"	0.0707	ND	58.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.338*		"	*0.442*		*76.6*	*21-150*				
Matrix Spike Dup (BK50461- Matrix Spike Dup *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/08/2025 Analyzed: 11/10/2025		
2,4,5-T	0.0504	0.0212	mg/kg dry	0.0707	ND	71.2	10-120		13.1	35	
2,4,5-TP (Silvex)	0.0512	0.0212	"	0.0707	ND	72.5	10-120		6.67	35	
2,4-D	0.0442	0.0212	"	0.0707	ND	62.5	10-118		6.19	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.326*		"	*0.442*		*73.8*	*21-150*				
Batch BK50476 - EPA 8151A											
Blank (BK50476-BLK1) Blank									Prepared: 11/09/2025 Analyzed: 11/10/2025		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*61.5*		"	*125*		*49.2*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50476 - EPA 8151A											
LCS (BK50476-BS1) LCS									Prepared: 11/09/2025 Analyzed: 11/10/2025		
2,4,5-T	23.2	5.00	ug/L	20.0		116	10-140				
2,4,5-TP (Silvex)	21.5	5.00	"	20.0		108	10-139				
2,4-D	21.8	5.00	"	20.0		109	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*104*		*"*	*125*		*83.2*	*30-150*				
LCS Dup (BK50476-BSD1) LCS Dup									Prepared: 11/09/2025 Analyzed: 11/10/2025		
2,4,5-T	23.2	5.00	ug/L	20.0		116	10-140		0.00	30	
2,4,5-TP (Silvex)	21.0	5.00	"	20.0		105	10-139		2.35	30	
2,4-D	21.5	5.00	"	20.0		108	10-140		1.16	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*106*		*"*	*125*		*84.6*	*30-150*				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50529 - EPA 7473 soil												
Blank (BK50529-BLK1)	Blank									Prepared: 11/10/2025 Analyzed: 11/11/2025		
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BK50529-DUP1)	Duplicate	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/10/2025 Analyzed: 11/11/2025		
Mercury		3.37	0.0319	mg/kg dry		3.47				2.88	35	
Matrix Spike (BK50529-MS1)	Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared: 11/10/2025 Analyzed: 11/11/2025		
Mercury		4.29		mg/kg	1.00	3.26	103	75-125				
Reference (BK50529-SRM1)	Reference									Prepared: 11/10/2025 Analyzed: 11/11/2025		
Mercury		17.728		mg/kg	24.0		73.9	55.8-109.6				
Batch BK50530 - EPA 3015A												
Blank (BK50530-BLK1)	Blank									Prepared: 11/10/2025 Analyzed: 11/11/2025		
Aluminum		ND	0.556	mg/L								
Antimony		ND	0.028	"								
Arsenic		ND	0.017	"								
Barium		ND	0.028	"								
Beryllium		ND	0.0006	"								
Cadmium		ND	0.003	"								
Calcium		ND	0.556	"								
Chromium		ND	0.006	"								
Cobalt		ND	0.004	"								
Copper		ND	0.022	"								
Iron		ND	0.278	"								
Lead		ND	0.007	"								
Magnesium		ND	0.067	"								
Manganese		ND	0.006	"								
Nickel		ND	0.011	"								
Potassium		ND	1.11	"								
Selenium		ND	0.028	"								
Silver		ND	0.007	"								
Sodium		ND	1.11	"								
Thallium		ND	0.028	"								
Vanadium		ND	0.011	"								
Zinc		ND	0.028	"								

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50530 - EPA 3015A											
LCS (BK50530-BS1) LCS								Prepared: 11/10/2025 Analyzed: 11/11/2025			
Aluminum	2.04		ug/mL	2.00		102	80-120				
Antimony	0.302		"	0.250		121	80-120	High Bias			
Arsenic	1.99		"	2.00		99.3	80-120				
Barium	2.05		"	2.00		102	80-120				
Beryllium	0.050		"	0.0500		99.4	80-120				
Cadmium	0.048		"	0.0500		96.0	80-120				
Calcium	1.02		"	1.00		102	80-120				
Chromium	0.202		"	0.200		101	80-120				
Cobalt	0.513		"	0.500		103	80-120				
Copper	0.262		"	0.250		105	80-120				
Iron	0.985		"	1.00		98.5	80-120				
Lead	0.498		"	0.500		99.6	80-120				
Magnesium	1.03		"	1.00		103	80-120				
Manganese	0.509		"	0.500		102	80-120				
Nickel	0.513		"	0.500		103	80-120				
Potassium	1.13		"	1.00		113	80-120				
Selenium	1.87		"	2.00		93.4	80-120				
Silver	0.049		"	0.0500		97.8	80-120				
Sodium	1.17		"	1.00		117	80-120				
Thallium	1.97		"	2.00		98.3	80-120				
Vanadium	0.500		"	0.500		99.9	80-120				
Zinc	0.483		"	0.500		96.6	80-120				
Batch BK50584 - EPA SW846-7470A											
Blank (BK50584-BLK1) Blank								Prepared & Analyzed: 11/11/2025			
Mercury	ND	0.0002	mg/L								

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50584 - EPA SW846-7470A											
Blank (BK50584-BLK2) Blank									Prepared & Analyzed: 11/11/2025		
Mercury	ND	0.0002	mg/L								
LCS (BK50584-BS1) LCS									Prepared & Analyzed: 11/11/2025		
Mercury	0.0018735	0.0002	mg/L	0.00200		93.7	80-120				
LCS (BK50584-BS2) LCS									Prepared & Analyzed: 11/11/2025		
Mercury	0.0021930	0.0002	mg/L	0.00200		110	80-120				
Batch BK50633 - EPA 3050B											
Blank (BK50633-BLK1) Blank									Prepared: 11/11/2025 Analyzed: 11/12/2025		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50633 - EPA 3050B											
Duplicate (BK50633-DUP1) Duplicate	*Source sample: 25K0346-03 (SB-14_0-2)								Prepared: 11/11/2025 Analyzed: 11/12/2025		
Aluminum	10500	4.48	mg/kg dry		10200				3.36	35	
Antimony	ND	2.24	"		ND					35	
Arsenic	7.28	1.34	"		8.49				15.3	35	
Barium	75.3	2.24	"		68.9				8.79	35	
Beryllium	0.339	0.045	"		0.291				15.1	35	
Cadmium	0.439	0.269	"		0.358				20.2	35	
Calcium	22400	4.48	"		9120				84.2	35	Non-dir.
Chromium	19.1	0.448	"		17.5				8.47	35	
Cobalt	8.48	0.358	"		6.36				28.5	35	
Copper	60.7	1.79	"		64.3				5.88	35	
Iron	25600	22.4	"		18400				32.8	35	
Lead	109	0.448	"		117				6.40	35	
Magnesium	4030	4.48	"		3580				11.7	35	
Manganese	634	0.448	"		401				45.2	35	Non-dir.
Nickel	18.4	0.892	"		15.9				14.8	35	
Potassium	1300	4.48	"		1140				12.7	35	
Selenium	ND	2.24	"		ND					35	
Silver	ND	0.452	"		ND					35	
Sodium	150	44.8	"		114				26.8	35	
Thallium	ND	1.80	"		ND					35	
Vanadium	34.3	0.892	"		29.4				15.2	35	
Zinc	104	2.23	"		112				7.48	35	
Matrix Spike (BK50633-MS1) Matrix Spike	*Source sample: 25K0346-03 (SB-14_0-2)								Prepared: 11/11/2025 Analyzed: 11/12/2025		
Aluminum	9420	4.48	mg/kg dry	179	10200	NR	75-125	Low Bias			
Antimony	6.93	2.24	"	22.4	ND	31.0	75-125	Low Bias			
Arsenic	180	1.34	"	179	8.49	95.9	75-125				
Barium	237	2.24	"	179	68.9	94.0	75-125				
Beryllium	4.85	0.045	"	4.48	0.291	102	75-125				
Cadmium	4.46	0.269	"	4.48	0.358	91.6	75-125				
Calcium	17000	4.48	"	89.6	9120	NR	75-125	High Bias			
Chromium	32.9	0.448	"	17.9	17.5	86.0	75-125				
Cobalt	49.2	0.358	"	44.8	6.36	95.6	75-125				
Copper	71.8	1.79	"	22.4	64.3	33.4	75-125	Low Bias			
Iron	19400	22.4	"	89.6	18400	NR	75-125	High Bias			
Lead	131	0.448	"	44.8	117	32.5	75-125	Low Bias			
Magnesium	3710	4.48	"	89.6	3580	143	75-125	High Bias			
Manganese	540	0.448	"	44.8	401	311	75-125	High Bias			
Nickel	57.4	0.892	"	44.8	15.9	92.7	75-125				
Potassium	1040	4.48	"	89.6	1140	NR	75-125	Low Bias			
Selenium	169	2.24	"	179	ND	94.5	75-125				
Silver	4.29	0.452	"	4.48	ND	95.8	75-125				
Sodium	219	44.8	"	89.6	114	117	75-125				
Thallium	172	1.80	"	179	ND	95.7	75-125				
Vanadium	72.4	0.892	"	44.8	29.4	95.9	75-125				
Zinc	134	2.23	"	44.8	112	48.6	75-125	Low Bias			

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50633 - EPA 3050B											
Post Spike (BK50633-PS1) Post Spike	*Source sample: 25K0346-03 (SB-14_0-2)							Prepared: 11/11/2025 Analyzed: 11/12/2025			
Aluminum	113		ug/mL	2.00	113	3.36	75-125	Low Bias			
Antimony	0.267		"	0.250	-0.0001	107	75-125				
Arsenic	2.16		"	2.00	0.095	103	75-125				
Barium	2.81		"	2.00	0.769	102	75-125				
Beryllium	0.057		"	0.0500	0.003	107	75-125				
Cadmium	0.052		"	0.0500	0.004	96.6	75-125				
Calcium	102		"	1.00	102	NR	75-125	Low Bias			
Chromium	0.397		"	0.200	0.196	101	75-125				
Cobalt	0.576		"	0.500	0.071	101	75-125				
Copper	0.984		"	0.250	0.718	107	75-125				
Iron	205		"	1.00	206	NR	75-125	Low Bias			
Lead	1.78		"	0.500	1.30	95.4	75-125				
Magnesium	40.6		"	1.00	40.0	61.3	75-125	Low Bias			
Manganese	4.92		"	0.500	4.47	89.8	75-125				
Nickel	0.691		"	0.500	0.178	103	75-125				
Potassium	13.8		"	1.00	12.8	99.5	75-125				
Selenium	2.03		"	2.00	-0.005	101	75-125				
Silver	0.048		"	0.0500	0.0006	95.0	75-125				
Sodium	2.32		"	1.00	1.28	105	75-125				
Thallium	2.03		"	2.00	-0.007	102	75-125				
Vanadium	0.842		"	0.500	0.328	103	75-125				
Zinc	1.72		"	0.500	1.25	94.1	75-125				
Reference (BK50633-SRM1) Reference								Prepared: 11/11/2025 Analyzed: 11/12/2025			
Aluminum	6500	4.17	mg/kg wet	6840		95.0	53.2-146.2				
Antimony	73.9	2.08	"	131		56.4	4.5-195.4				
Arsenic	170	1.25	"	192		88.6	81.3-118.8				
Barium	225	2.08	"	219		103	81.7-118.3				
Beryllium	147	0.042	"	146		100	82.2-117.8				
Cadmium	103	0.250	"	114		90.5	81.7-118.4				
Calcium	3710	4.17	"	4080		90.9	82.4-117.6				
Chromium	144	0.417	"	153		94.0	81-119				
Cobalt	218	0.333	"	231		94.3	83.1-117.3				
Copper	86.5	1.67	"	91.2		94.9	83.1-117.3				
Iron	5480	20.8	"	7020		78.1	60.7-139.2				
Lead	117	0.417	"	141		83.2	81.6-118.4				
Magnesium	1710	4.17	"	1900		90.1	76.3-123.7				
Manganese	361	0.417	"	401		90.1	80.8-119				
Nickel	141	0.830	"	143		98.9	81.8-118.9				
Potassium	1810	4.17	"	1760		103	72.2-127.8				
Selenium	83.9	2.08	"	94.7		88.6	78.5-121.4				
Silver	67.5	0.420	"	77.0		87.7	79.4-120.6				
Sodium	636	41.7	"	661		96.2	73.7-126.2				
Thallium	166	1.67	"	183		90.9	80.3-119.7				
Vanadium	144	0.830	"	159		90.6	78.6-122				
Zinc	262	2.08	"	292		89.6	79.4-120.2				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50635 - EPA 3050B											
Blank (BK50635-BLK1) Blank									Prepared: 11/11/2025 Analyzed: 11/12/2025		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BK50635-DUP1) Duplicate *Source sample: 25K0346-07 (SB-11_0-2)									Prepared: 11/11/2025 Analyzed: 11/12/2025		
Aluminum	8630	4.43	mg/kg dry		8370				3.07	35	
Antimony	ND	2.22	"		ND					35	
Arsenic	11.5	1.33	"		9.65				17.9	35	
Barium	138	2.21	"		109				23.5	35	
Beryllium	1.94	0.045	"		0.692				94.9	35	Non-dir.
Cadmium	0.505	0.266	"		0.585				14.6	35	
Calcium	9460	4.43	"		7320				25.5	35	
Chromium	42.9	0.444	"		20.1				72.4	35	Non-dir.
Cobalt	17.1	0.354	"		7.79				74.8	35	Non-dir.
Copper	316	1.77	"		157				67.2	35	Non-dir.
Iron	23200	22.2	"		18500				22.4	35	
Lead	428	0.444	"		237				57.3	35	Non-dir.
Magnesium	2460	4.44	"		2400				2.48	35	
Manganese	311	0.444	"		272				13.5	35	
Nickel	40.3	0.883	"		18.9				72.4	35	Non-dir.
Potassium	941	4.44	"		1000				6.13	35	
Selenium	ND	2.22	"		ND					35	
Silver	ND	0.447	"		ND					35	
Sodium	354	44.3	"		280				23.4	35	
Thallium	ND	1.78	"		ND					35	
Vanadium	24.4	0.883	"		25.4				3.96	35	
Zinc	2070	2.21	"		530				119	35	Non-dir.

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50635 - EPA 3050B											
Matrix Spike (BK50635-MS1) Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared: 11/11/2025 Analyzed: 11/12/2025			
Aluminum	10100	4.43	mg/kg dry	177	8370	1000	75-125	High Bias			
Antimony	7.57	2.22	"	22.2	ND	34.2	75-125	Low Bias			
Arsenic	182	1.33	"	177	9.65	97.5	75-125				
Barium	303	2.21	"	177	109	109	75-125				
Beryllium	5.06	0.045	"	4.43	0.692	98.5	75-125				
Cadmium	4.64	0.266	"	4.43	0.585	91.4	75-125				
Calcium	5570	4.43	"	88.6	7320	NR	75-125	Low Bias			
Chromium	43.7	0.444	"	17.7	20.1	133	75-125	High Bias			
Cobalt	51.0	0.354	"	44.3	7.79	97.6	75-125				
Copper	172	1.77	"	22.2	157	68.7	75-125	Low Bias			
Iron	22900	22.2	"	88.6	18500	NR	75-125	High Bias			
Lead	407	0.444	"	44.3	237	382	75-125	High Bias			
Magnesium	2610	4.44	"	88.6	2400	239	75-125	High Bias			
Manganese	340	0.444	"	44.3	272	153	75-125	High Bias			
Nickel	62.7	0.883	"	44.3	18.9	98.9	75-125				
Potassium	1210	4.44	"	88.6	1000	235	75-125	High Bias			
Selenium	166	2.22	"	177	ND	93.7	75-125				
Silver	4.32	0.447	"	4.43	ND	97.4	75-125				
Sodium	368	44.3	"	88.6	280	99.9	75-125				
Thallium	174	1.78	"	177	ND	98.2	75-125				
Vanadium	69.3	0.883	"	44.3	25.4	99.2	75-125				
Zinc	488	2.21	"	44.3	530	NR	75-125	Low Bias			
Post Spike (BK50635-PS1) Post Spike	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared: 11/11/2025 Analyzed: 11/12/2025			
Aluminum	94.6		ug/mL	2.00	94.4	7.04	75-125	Low Bias			
Antimony	0.267		"	0.250	0.00	107	75-125				
Arsenic	2.22		"	2.00	0.109	106	75-125				
Barium	3.30		"	2.00	1.23	104	75-125				
Beryllium	0.062		"	0.0500	0.008	108	75-125				
Cadmium	0.056		"	0.0500	0.007	99.4	75-125				
Calcium	82.0		"	1.00	82.6	NR	75-125	Low Bias			
Chromium	0.432		"	0.200	0.226	103	75-125				
Cobalt	0.606		"	0.500	0.088	104	75-125				
Copper	2.03		"	0.250	1.77	103	75-125				
Iron	206		"	1.00	209	NR	75-125	Low Bias			
Lead	3.14		"	0.500	2.68	91.4	75-125				
Magnesium	27.6		"	1.00	27.0	50.9	75-125	Low Bias			
Manganese	3.54		"	0.500	3.07	94.0	75-125				
Nickel	0.736		"	0.500	0.213	105	75-125				
Potassium	12.4		"	1.00	11.3	111	75-125				
Selenium	2.12		"	2.00	0.003	106	75-125				
Silver	0.048		"	0.0500	0.001	94.0	75-125				
Sodium	4.17		"	1.00	3.15	102	75-125				
Thallium	2.12		"	2.00	-0.009	106	75-125				
Vanadium	0.805		"	0.500	0.286	104	75-125				
Zinc	6.36		"	0.500	5.98	76.2	75-125				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50635 - EPA 3050B											
Reference (BK50635-SRM1) Reference											Prepared: 11/11/2025 Analyzed: 11/12/2025
Aluminum	7580	4.17	mg/kg wet	6840		111	53.2-146.2				
Antimony	79.4	2.08	"	131		60.6	4.5-195.4				
Arsenic	194	1.25	"	192		101	81.3-118.8				
Barium	254	2.08	"	219		116	81.7-118.3				
Beryllium	167	0.042	"	146		114	82.2-117.8				
Cadmium	117	0.250	"	114		102	81.7-118.4				
Calcium	4260	4.17	"	4080		104	82.4-117.6				
Chromium	163	0.417	"	153		107	81-119				
Cobalt	244	0.333	"	231		106	83.1-117.3				
Copper	98.8	1.67	"	91.2		108	83.1-117.3				
Iron	6280	20.8	"	7020		89.4	60.7-139.2				
Lead	134	0.417	"	141		95.0	81.6-118.4				
Magnesium	1980	4.17	"	1900		104	76.3-123.7				
Manganese	410	0.417	"	401		102	80.8-119				
Nickel	162	0.830	"	143		113	81.8-118.9				
Potassium	2110	4.17	"	1760		120	72.2-127.8				
Selenium	93.7	2.08	"	94.7		99.0	78.5-121.4				
Silver	76.2	0.420	"	77.0		99.0	79.4-120.6				
Sodium	734	41.7	"	661		111	73.7-126.2				
Thallium	188	1.67	"	183		103	80.3-119.7				
Vanadium	164	0.830	"	159		103	78.6-122				
Zinc	297	2.08	"	292		102	79.4-120.2				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50456 - Analysis Preparation												
Blank (BK50456-BLK1)	Blank									Prepared & Analyzed: 11/07/2025		
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BK50456-BS1)	LCS									Prepared & Analyzed: 11/07/2025		
Chromium, Hexavalent		0.507	0.0100	mg/L	0.500		101	85-115				
Duplicate (BK50456-DUP1)	Duplicate	*Source sample: 25K0346-01 (SOFB01_110625)								Prepared & Analyzed: 11/07/2025		
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BK50456-MS1)	Matrix Spike	*Source sample: 25K0346-01 (SOFB01_110625)								Prepared & Analyzed: 11/07/2025		
Chromium, Hexavalent		0.534	0.0100	mg/L	0.500	ND	107	85-115				
Matrix Spike Dup (BK50456-	Matrix Spike Dup	*Source sample: 25K0346-01 (SOFB01_110625)								Prepared & Analyzed: 11/07/2025		
Chromium, Hexavalent		0.529	0.0100	mg/L	0.500	ND	106	85-115		0.981	200	
Batch BK50513 - EPA SW846-3060												
Blank (BK50513-BLK1)	Blank									Prepared & Analyzed: 11/10/2025		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BK50513-DUP1)	Duplicate	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared & Analyzed: 11/10/2025		
Chromium, Hexavalent		ND	0.532	mg/kg dry		ND					35	
Matrix Spike (BK50513-MS1)	Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared & Analyzed: 11/10/2025		
Chromium, Hexavalent		14.0	0.532	mg/kg dry	21.3	ND	65.6	75-125	Low Bias			
Matrix Spike Dup (BK50513-	Matrix Spike Dup	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared & Analyzed: 11/10/2025		
Chromium, Hexavalent		15.8	0.532	mg/kg dry	21.3	ND	74.5	75-125	Low Bias	12.7	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50513 - EPA SW846-3060												
Reference (BK50513-SRM1)	Reference								Prepared & Analyzed: 11/10/2025			
Chromium, Hexavalent		226		mg/L	214		106	57.9-107.9				
Batch BK50514 - Analysis Preparation Soil												
Blank (BK50514-BLK1)	Blank								Prepared & Analyzed: 11/10/2025			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BK50514-DUP1)	Duplicate	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared & Analyzed: 11/10/2025			
Cyanide, total		ND	0.532	mg/kg dry		ND					15	
Matrix Spike (BK50514-MS1)	Matrix Spike	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared & Analyzed: 11/10/2025			
Cyanide, total		5.10	0.532	mg/kg dry	5.32	ND	96.0	79.6-107				
Matrix Spike Dup (BK50514-	Matrix Spike Dup	*Source sample: 25K0346-07 (SB-11_0-2)							Prepared & Analyzed: 11/10/2025			
Cyanide, total		5.23	0.532	mg/kg dry	5.32	ND	98.3	79.6-107		2.38	200	
Reference (BK50514-SRM1)	Reference								Prepared & Analyzed: 11/10/2025			
Cyanide, total		102		ug/mL	111		91.7	43.5-170				
Batch BK50553 - Analysis Preparation												
Blank (BK50553-BLK1)	Blank								Prepared & Analyzed: 11/10/2025			
Cyanide, total		ND	0.0100	mg/L								
LCS (BK50553-BS1)	LCS								Prepared & Analyzed: 11/10/2025			
Cyanide, total		0.103	0.0100	mg/L	0.100		103	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50417 - % Solids Prep											
Duplicate (BK50417-DUP1) Duplicate	*Source sample: 25K0346-07 (SB-11_0-2)								Prepared & Analyzed: 11/07/2025		
% Solids	92.3	0.100	%		94.0				1.81	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K0346-01	SOFB01_110625	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K0346-04	SOTB01_110625	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

JS	[Undefined]
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
Ja	J=Estimated Below RL
S-08	The recovery of this surrogate was outside of QC limits.
m	This parameter is outside laboratory ms/msd specified recovery limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Sample 25K0346-01 went OOH for hexavalent chromium, after receipt.
The PFAS containers for samples -03 and -05 were empty, and the analysis was removed from the samples.

Field Chain-of-Custody Record

RI

ALS Project Number: 25K0346

ALS environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK | 800-306-9675

Page 1 of 1

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Avenue, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project / 170794301

PO Number: see PO specific Quote

Samples Collected From: NY X | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Laurel Winslow

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	TAL Metals (include hex- and tri- chromium)	Cyanide	PFAS	1,4-Dioxane	Total Mercury	TO-15 VOCs			Grab or Comp. G/C
SOFB01-110625	11/6/25	9:00	S											X	X	X	X	X	X	X	X				
SB-12-24-26		9:45	S											X	X	X	X	X	X	X	X				
SB-14-2-MW4		10:22	S											X	X	X	X	X	X	X					
SOTB01-110625		—	S											X						X					
SB-14-10-12		11:15	S											X	X	X	X	X	X	X					
SB-14-~~26-28~~ 25-27		13:08	S											X	X	X	X	X	X	X					
SB-11-0-2		13:25	S											X	X	X	X	X	X	X					
SB-11-10-12		14:05	S											X	X	X	X	X	X	X					
SODUP01-110625		—	S											X	X	X	X	X	X	X					
			S																						
			S																						
			S																						
			S																						
			S																						
			S																						

Report Type (circle): QA Report | ~~Summary (Results Only)~~ | NY ASP B Package * | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | ~~NYSDEC EQuIS~~ | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments: *Run SB-11-0-2 for MS/MSD*

Please include Tgoodnough@langan.com, datamanagement@langan.com

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel Winslow/Langan	11/6/25 1515	[signature]	11/6/25 1515	[signature]	11/6/25 16:55
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	11/6/25 20:00 / 1.8 Degrees C

A1

PHOENIX
Environmental Laboratories, Inc.

Thursday, November 13, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25K0346
SDG ID: GCU70493
Sample ID#s: CU70493 - CU70499

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 13, 2025

SDG I.D.: GCU70493

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 13, 2025

SDG I.D.: GCU70493

Project ID: 25K0346

Client Id	Lab Id	Matrix	Col Date
SB_12_24-26	CU70493	SOIL	11/06/25 8:45
SB_14_0-2	CU70494	SOIL	11/06/25 10:22
SB_14_10-12	CU70495	SOIL	11/06/25 11:15
SB_14_25-27	CU70496	SOIL	11/06/25 13:08
SB_11_0-2	CU70497	SOIL	11/06/25 13:25
SB_11_10-12	CU70498	SOIL	11/06/25 14:05
SODUP01_110625	CU70499	SOIL	11/06/25 0:00

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	8:45
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70493

Project ID: 25K0346
Client ID: SB_12_24-26

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	0.0015	J 0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	0.00089	J 0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.042	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.042	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.0084	0.0033	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	0.0037 J	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.05	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.017	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND	0.084	0.084	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND	0.042	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	0.0021 J	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	0.0024 J	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND	0.0084	0.0084	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.017	0.0042	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND	0.0084	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	85			%	1	11/11/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.033	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND	0.0084	0.0017	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND	0.033	0.00084	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.17	0.033	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

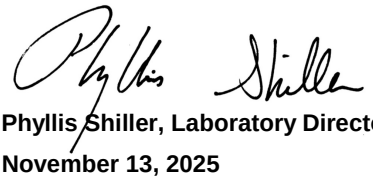
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 13, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	10:22
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70494

Project ID: 25K0346
Client ID: SB_14_0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.031	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.031	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.0062	0.0025	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SB_14_0-2

Phoenix I.D.: CU70494

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND		0.037	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND		0.012	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND		0.062	0.062	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND		0.031	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	0.0017	J	0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	0.00081	J	0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND		0.0062	0.0062	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND		0.012	0.0031	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND		0.0062	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	91				%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	101				%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	89				%	1	11/11/25	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		0.025	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND		0.0062	0.0012	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND		0.025	0.00062	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND		0.12	0.025	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

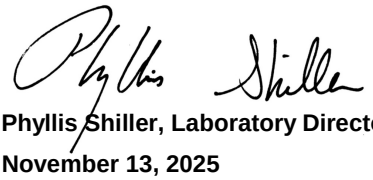
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 13, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	11:15
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70495

Project ID: 25K0346
Client ID: SB_14_10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.035	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.035	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.007	0.0028	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SB_14_10-12

Phoenix I.D.: CU70495

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND		0.042	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND		0.014	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND		0.07	0.07	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	0.0088	JS	0.035	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	0.0017	J	0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND		0.007	0.007	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND		0.014	0.0035	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND		0.007	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	94				%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	97				%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	89				%	1	11/11/25	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		0.028	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND		0.007	0.0014	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND		0.028	0.0007	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND		0.14	0.028	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

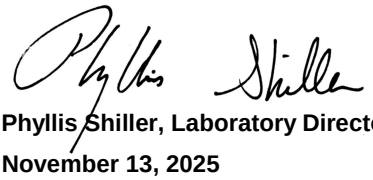
Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 13, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	13:08
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70496

Project ID: 25K0346
Client ID: SB_14_25-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.025	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.025	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.049	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	0.0011 J	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.0049	0.002	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SB_14_25-27

Phoenix I.D.: CU70496

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND		0.03	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND		0.0099	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND		0.049	0.049	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND		0.025	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	0.0048	J	0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND		0.0049	0.0049	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND		0.0099	0.0025	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND		0.0049	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95				%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	95				%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	101				%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	89				%	1	11/11/25	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		0.02	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND		0.0049	0.00099	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND		0.02	0.00049	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND		0.099	0.02	mg/Kg	1	11/11/25	JLI	SW8260D

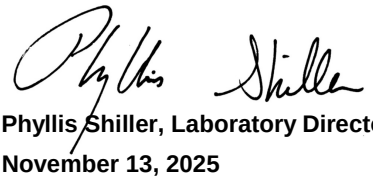
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

November 13, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	13:25
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70497

Project ID: 25K0346
Client ID: SB_11_0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90			%		11/10/25	CV	SW846-%Solid
Client MS/MSD	Completed					11/10/25		
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.036	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.036	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SB_11_0-2

Phoenix I.D.: CU70497

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromomethane	ND	0.0073	0.0029	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon Disulfide	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.044	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.015	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND	0.073	0.073	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND	0.036	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	0.0012 J	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND	0.0073	0.0073	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.015	0.0036	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND	0.0073	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	87			%	1	11/11/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.029	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND	0.0073	0.0015	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND	0.029	0.00073	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.15	0.029	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

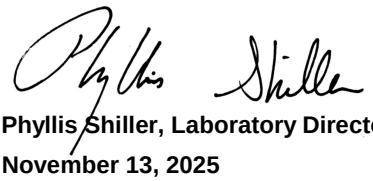
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director
November 13, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	14:05
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70498

Project ID: 25K0346
Client ID: SB_11_10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.028	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.028	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.0057	0.0023	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SB_11_10-12

Phoenix I.D.: CU70498

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.034	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.011	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND	0.057	0.057	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND	0.028	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND	0.0057	0.0057	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.011	0.0028	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND	0.0057	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/11/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.023	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND	0.0057	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND	0.023	0.00057	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.11	0.023	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

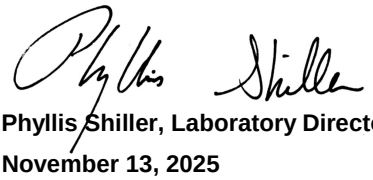
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 13, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 13, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	LW	11/06/25	
Location Code:	YORK-VOC	Received by:	SR1	11/10/25	11:14
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU70493
Phoenix ID: CU70499

Project ID: 25K0346
Client ID: SODUP01_110625

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88			%		11/10/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
2-Hexanone	ND	0.027	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.027	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
Acetone	ND	0.05	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
Benzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Bromochloromethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Bromodichloromethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Bromoform	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Bromomethane	ND	0.0053	0.0021	mg/Kg	1	11/11/25	JLI	SW8260D

Project ID: 25K0346
Client ID: SODUP01_110625

Phoenix I.D.: CU70499

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Carbon tetrachloride	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Chlorobenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Chloroform	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Chloromethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Cyclohexane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromochloromethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dibromomethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Ethylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Hexachlorobutadiene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Isopropylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
m&p-Xylene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.032	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.011	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methylacetate	ND	0.053	0.053	mg/Kg	1	11/11/25	JLI	SW8260D
Methylcyclohexane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Methylene chloride	ND	0.027	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
n-Butylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
n-Propylbenzene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
o-Xylene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
p-Isopropyltoluene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
sec-Butylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Styrene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
tert-Butylbenzene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Tetrachloroethene	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Toluene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Total Xylenes	ND	0.0053	0.0053	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	0.011	0.0027	mg/Kg	1	11/11/25	JLI	SW8260D
Trichloroethene	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Vinyl chloride	ND	0.0053	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	11/11/25	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	11/11/25	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	11/11/25	JLI	70 - 130 %
% Toluene-d8	89			%	1	11/11/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.021	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Acrolein	ND	0.0053	0.0011	mg/Kg	1	11/11/25	JLI	SW8260D
Acrylonitrile	ND	0.021	0.00053	mg/Kg	1	11/11/25	JLI	SW8260D
Tert-butyl alcohol	ND	0.11	0.021	mg/Kg	1	11/11/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

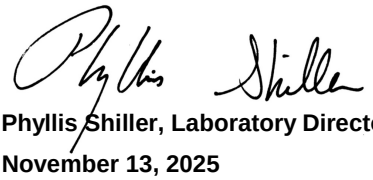
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director

November 13, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

November 13, 2025

QA/QC Data

SDG I.D.: GCU70493

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 813339 (mg/Kg), QC Sample No: CU70497 (CU70493, CU70494, CU70495, CU70496, CU70497, CU70498, CU70499)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	108	113	4.5	106	107	0.9	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	91	90	1.1	94	93	1.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	91	95	4.3	110	104	5.6	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	99	101	2.0	89	91	2.2	70 - 130	30	
1,1-Dichloroethane	ND	0.005	84	84	0.0	84	83	1.2	70 - 130	30	
1,1-Dichloroethene	ND	0.005	89	89	0.0	89	88	1.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	107	112	4.6	44	57	25.7	70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	86	89	3.4	114	108	5.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	106	110	3.7	44	54	20.4	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	94	98	4.2	112	108	3.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	107	109	1.9	78	87	10.9	70 - 130	30	
1,2-Dibromoethane	ND	0.005	99	103	4.0	77	85	9.9	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	101	107	5.8	80	89	10.7	70 - 130	30	
1,2-Dichloroethane	ND	0.005	93	97	4.2	82	86	4.8	70 - 130	30	
1,2-Dichloropropane	ND	0.005	92	95	3.2	93	92	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	97	99	2.0	128	117	9.0	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	100	103	3.0	78	86	9.8	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	104	107	2.8	74	84	12.7	70 - 130	30	
2-Hexanone	ND	0.025	85	87	2.3	77	79	2.6	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	84	89	5.8	83	85	2.4	70 - 130	30	
Acetone	ND	0.01	75	72	4.1	74	88	17.3	70 - 130	30	
Acrolein	ND	0.025	88	87	1.1	41	40	2.5	70 - 130	30	m
Acrylonitrile	ND	0.005	80	81	1.2	66	74	11.4	70 - 130	30	m
Benzene	ND	0.001	91	94	3.2	91	91	0.0	70 - 130	30	
Bromochloromethane	ND	0.005	93	92	1.1	76	83	8.8	70 - 130	30	
Bromodichloromethane	ND	0.005	98	103	5.0	84	86	2.4	70 - 130	30	
Bromoform	ND	0.005	110	115	4.4	64	77	18.4	70 - 130	30	m
Bromomethane	ND	0.005	96	95	1.0	96	95	1.0	70 - 130	30	
Carbon Disulfide	ND	0.005	90	90	0.0	72	73	1.4	70 - 130	30	
Carbon tetrachloride	ND	0.005	92	91	1.1	84	84	0.0	70 - 130	30	
Chlorobenzene	ND	0.005	101	105	3.9	85	91	6.8	70 - 130	30	
Chloroethane	ND	0.005	91	92	1.1	92	92	0.0	70 - 130	30	
Chloroform	ND	0.005	84	84	0.0	81	80	1.2	70 - 130	30	
Chloromethane	ND	0.005	95	94	1.1	97	93	4.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	90	91	1.1	76	79	3.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	100	104	3.9	71	81	13.2	70 - 130	30	
Cyclohexane	ND	0.005	79	80	1.3	84	82	2.4	70 - 130	30	
Dibromochloromethane	ND	0.003	104	109	4.7	78	87	10.9	70 - 130	30	
Dibromomethane	ND	0.005	95	101	6.1	72	82	13.0	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	125	124	0.8	129	122	5.6	70 - 130	30	
Ethylbenzene	ND	0.001	99	103	4.0	101	103	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCU70493

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	0.005	110	114	3.6	103	98	5.0	70 - 130	30	
Isopropylbenzene	ND	0.001	94	98	4.2	138	123	11.5	70 - 130	30	m
m&p-Xylene	ND	0.002	97	101	4.0	97	99	2.0	70 - 130	30	
Methyl ethyl ketone	ND	0.005	77	74	4.0	72	73	1.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	90	90	0.0	93	91	2.2	70 - 130	30	
Methylacetate	ND	0.005	74	77	4.0	100	111	10.4	70 - 130	30	
Methylcyclohexane	ND	0.005	85	89	4.6	92	89	3.3	70 - 130	30	
Methylene chloride	ND	0.005	81	82	1.2	74	75	1.3	70 - 130	30	
n-Butylbenzene	ND	0.001	97	100	3.0	99	96	3.1	70 - 130	30	
n-Propylbenzene	ND	0.001	97	100	3.0	124	115	7.5	70 - 130	30	
o-Xylene	ND	0.002	97	101	4.0	96	99	3.1	70 - 130	30	
p-Isopropyltoluene	ND	0.001	98	101	3.0	123	114	7.6	70 - 130	30	
sec-Butylbenzene	ND	0.001	93	96	3.2	122	112	8.5	70 - 130	30	
Styrene	ND	0.005	98	102	4.0	71	82	14.4	70 - 130	30	
tert-butyl alcohol	ND	0.1	96	100	4.1	94	104	10.1	70 - 130	30	
tert-Butylbenzene	ND	0.001	95	98	3.1	140	124	12.1	70 - 130	30	m
Tetrachloroethene	ND	0.005	107	111	3.7	106	107	0.9	70 - 130	30	
Toluene	ND	0.001	97	100	3.0	92	95	3.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	90	92	2.2	99	103	4.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	106	110	3.7	59	72	19.8	70 - 130	30	m
trans-1,4-dichloro-2-butene	ND	0.005	100	104	3.9	56	67	17.9	70 - 130	30	m
Trichloroethene	ND	0.005	100	104	3.9	95	96	1.0	70 - 130	30	
Trichlorofluoromethane	ND	0.005	94	95	1.1	102	99	3.0	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	102	103	1.0	109	107	1.9	70 - 130	30	
Vinyl chloride	ND	0.005	92	91	1.1	91	89	2.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	103	100	3.0	108	104	3.8	70 - 130	30	
% Bromofluorobenzene	95	%	96	96	0.0	82	88	7.1	70 - 130	30	
% Dibromofluoromethane	100	%	106	102	3.8	104	104	0.0	70 - 130	30	
% Toluene-d8	90	%	99	100	1.0	101	101	0.0	70 - 130	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 13, 2025

Thursday, November 13, 2025

Criteria: NY: 375GWP

State: NY

Sample Criteria Exceedances Report

GCU70493 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 13, 2025

SDG I.D.: GCU70493

The samples in this delivery group were received at 6.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

YORK
Analytical Laboratories, Inc.

11/7/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0346 0-5' WC

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: SB_12_24-26 70493 **York Ref: 25K0346-02**

Matrix: Soil **Date Sampled :** 11/06/2025 08:45

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 08:45	TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB_14_0-2 70494 **York Ref: 25K0346-03**

Matrix: Soil **Date Sampled :** 11/06/2025 10:22

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 10:22	TCL List

Containers Supplied:
01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0346

Samples from State of: **NY**
Collected by: Laurel Winslow

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/7/2025		11/10/25 11:14	
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

11/7/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0346 6.5°C WC

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB_14_10-12 70495 **York Ref: 25K0346-05**

Matrix: Soil **Date Sampled :** 11/06/2025 11:15

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 11:15	TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB_14_25-27 70496 **York Ref: 25K0346-06**

Matrix: Soil **Date Sampled :** 11/06/2025 13:08

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 13:08	TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SB_11_0-2 70497 **York Ref: 25K0346-07**

Matrix: Soil **Date Sampled :** 11/06/2025 13:25

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 13:25	TCL List. MS/MSD

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 01_40mL 01_Clear Vial Cool to 4° C (H) 03_40mL Vial with Stir Bar-Cool 4° C (I)
03_40mL Vial with Stir Bar-Cool 4° C (J) 02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 01_40mL 01_Clear Vial Cool to 4° C (O)
03_40mL Vial with Stir Bar-Cool 4° C (P) 03_40mL Vial with Stir Bar-Cool 4° C (Q) 02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0346

Samples from State of: **NY**
Collected by: Laurel Winslow

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/7/2025		JW	11/10/25 11:14
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

11/7/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25K0346 6.5°C Wet

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: SB_11_10-12 70498 **York Ref: 25K0346-08**

Matrix: Soil **Date Sampled : 11/06/2025 14:05**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 14:05	TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

Sample ID: SODUP01_110625 70499 **York Ref: 25K0346-09**

Matrix: Soil **Date Sampled : 11/06/2025 00:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	11/12/2025 19:00	11/20/2025 00:00	TCL List

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to

York Purchase Order No.: 25K0346

Samples from State of: **NY**
Collected by: Laurel Winslow

Deliverables required: NY ASP B Package

EDDs required: NYSDEC

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jorge A Cardona Varga 11/7/2025			11/10/25 11:14
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 12/03/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K1151

Report Date: 12/03/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K1151

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K1151-01	MW-11_11212025	Ground Water	11/21/2025	11/21/2025
25K1151-02	GWFB02_11212025	Water	11/21/2025	11/21/2025
25K1151-03	GWTB01_11212025	Water	11/21/2025	11/21/2025

General Notes for York Project (SDG) No.: 25K1151

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Cassie Mosher
Laboratory Manager - Stratford

Samantha Henningsen
Laboratory Director - Queens

Date: 12/03/2025

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	**Chloroform**	**2.41**		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	**cis-1,2-Dichloroethylene**	**2.17**		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-71-8	**Dichlorodifluoromethane**	**3.99**	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	**Tetrachloroethylene**	**66.0**	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	**Trichloroethylene**	**1.32**		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 05:07	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 17:07	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.1 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.0 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.3 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.3 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.2 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM	11/25/2025 08:58	12/01/2025 20:24	ak
								Certifications: NJDEP-CT005,NYSDOH-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 17:38	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**1.60**	J	ng/L	0.788	1.79	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**7.09**		ng/L	0.364	2.02	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**5.95**		ng/L	0.707	2.02	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.81**		ng/L	0.899	1.85	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**20.3**		ng/L	0.798	2.02	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.768	1.88	1	EPA 1633A	11/26/2025 12:22	12/03/2025 01:01	AM
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.00	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.576	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.717	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.606	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.21	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.60	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.505	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.06	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**8.28**		ng/L	0.899	4.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.374	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	PF-LCS-L	ng/L	0.313	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.626	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.34	7.68	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.27	7.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**4.18**	J	ng/L	1.65	8.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.505	3.60	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.03	4.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.707	4.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.41	4.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.758	1.90	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.85	7.58	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.17	8.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.25	7.64	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.78	7.56	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
919005-14-4	ADONA	ND		ng/L	3.00	7.64	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.899	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.758	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.38	10.1	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.80	50.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.3	50.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.17	20.2	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
31506-32-8	N-MeFOSA	ND		ng/L	0.717	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.35	20.2	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.06	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:01	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*104 %*	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*87.2 %*	*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.7 %*	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*	*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*88.1 %*	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*79.6 %*	*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*60.8 %*	*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*47.4 %*	*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*83.8 %*	*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.3 %*	*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.0 %*	*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.4 %*	*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*178 %*	*40-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*160 %*	*40-300*
13C9PFNA	*Surrogate: M9PFNA*	*98.8 %*	*40-130*

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*182 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.2 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.6 %*			*10-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.1 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/24/2025 13:38	11/24/2025 23:40	RJ
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/24/2025 13:32	11/25/2025 03:44	NF
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 18:14	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 18:14	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 18:14	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*119 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.400**		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**0.308**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**49.9**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	Chromium	ND		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**0.0169**		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**0.277**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**9.43**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**0.0134**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**2.34**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-23-5	**Sodium**	**54.8**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	**Zinc**	**0.0478**		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:42	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/26/2025 08:41	12/01/2025 18:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/26/2025 08:41	12/01/2025 18:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/26/2025 08:41	12/01/2025 18:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/26/2025 08:41	12/01/2025 18:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/26/2025 08:41	12/01/2025 18:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:27	11/23/2025 08:27	DBT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**0.115**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**84.6**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**0.00256**		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**0.0974**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**28.9**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**0.0590**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**3.06**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-23-5	**Sodium**	**93.3**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:59	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:22	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:22	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:22	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:22	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:22	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: MW-11_11212025 **York Sample ID:** 25K1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Ground Water	November 21, 2025 8:53 am	11/21/2025

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/24/2025 14:50	11/24/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/21/2025 21:07	11/21/2025 21:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	12/01/2025 18:09	12/01/2025 18:23	SL
							Certifications:			

Sample Information

Client Sample ID: GWFB02_11212025 **York Sample ID:** 25K1151-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.865	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.399	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.776	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.987	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.876	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.843	2.06	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.10	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.632	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.787	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.665	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.33	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.75	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.554	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.16	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.987	4.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.410	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	PF-LCS-L	ng/L	0.344	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.687	2.14	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.57	8.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.49	8.51	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.81	8.87	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM

Sample Information

Client Sample ID: GWFB02_11212025 **York Sample ID:** 25K1151-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.554	3.95	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.33	4.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.776	4.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.55	4.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.831	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.13	8.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.48	8.87	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.47	8.38	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	3.05	8.29	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
919005-14-4	ADONA	ND		ng/L	3.29	8.38	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.987	2.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.831	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.62	11.1	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.46	55.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	25.6	55.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.87	22.2	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
31506-32-8	N-MeFOSA	ND		ng/L	0.787	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
1691-99-2	N-EtFOSE	ND		ng/L	8.07	22.2	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.16	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/26/2025 12:22	12/03/2025 01:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*108 %*	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.1 %*	*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*40-130*

Sample Information

Client Sample ID: GWFB02_11212025 **York Sample ID:** 25K1151-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*96.2 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*92.6 %*			*30-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.9 %*			*10-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.1 %*			*10-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*			*5-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*			*40-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*112 %*			*40-170*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-135*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*184 %*			*40-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*190 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*100 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*190 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.7 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*69.3 %*			*10-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*80.7 %*			*10-130*						

Sample Information

Client Sample ID: GWTB01_11212025 **York Sample ID:** 25K1151-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: GWTB01_11212025 **York Sample ID:** 25K1151-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND	QL-02, CCVE	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		

Sample Information

Client Sample ID: GWTB01_11212025 **York Sample ID:** 25K1151-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: GWTB01_11212025 **York Sample ID:** 25K1151-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1151	170794301	Water	November 21, 2025 8:30 am	11/21/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 03:32	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*79-122*

Analytical Batch Summary

Batch ID: BK51406 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/21/25
BK51406-BLK1	Blank	11/21/25
BK51406-BS1	LCS	11/21/25
BK51406-DUP1	Duplicate	11/21/25
BK51406-MS1	Matrix Spike	11/21/25
BK51406-MSD1	Matrix Spike Dup	11/21/25

Batch ID: BK51418 **Preparation Method:** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/22/25
BK51418-BLK1	Blank	11/22/25
BK51418-BS1	LCS	11/22/25
BK51418-BSD1	LCS Dup	11/22/25

Batch ID: BK51419 **Preparation Method:** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/23/25
BK51419-BLK2	Blank	11/22/25
BK51419-BS2	LCS	11/22/25

Batch ID: BK51431 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/22/25
25K1151-03	GWTB01_11212025	11/22/25
BK51431-BLK1	Blank	11/22/25
BK51431-BS1	LCS	11/22/25

Batch ID: BK51435 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/23/25
BK51435-BLK1	Blank	11/23/25
BK51435-BS1	LCS	11/23/25

Batch ID: BK51436 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/23/25
BK51436-BLK1	Blank	11/23/25

BK51436-BS1	LCS	11/23/25

Batch ID: BK51445 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/23/25
25K1151-02	GWFB02_11212025	11/23/25
BK51445-BLK1	Blank	11/23/25
BK51445-BS1	LCS	11/23/25
BK51445-BS2	LCS	11/23/25

Batch ID: BK51460 **Preparation Method:** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51460-BLK1	Blank	11/24/25
BK51460-BS1	LCS	11/24/25

Batch ID: BK51464 **Preparation Method:** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51464-BLK1	Blank	11/24/25
BK51464-BS1	LCS	11/24/25

Batch ID: BK51491 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51491-BLK1	Blank	11/24/25
BK51491-BS2	LCS	11/24/25

Batch ID: BK51493 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51493-BLK1	Blank	11/24/25
BK51493-BS1	LCS	11/24/25
BK51493-BSD1	LCS Dup	11/24/25

Batch ID: BK51501 **Preparation Method:** Analysis Preparation **Prepared By:** JS

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51501-BLK1	Blank	11/24/25
BK51501-BS1	LCS	11/24/25

Batch ID: BK51520 **Preparation Method:** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/24/25
BK51520-BLK1	Blank	11/24/25
BK51520-BS1	LCS	11/24/25

Batch ID: BK51551 **Preparation Method:** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/25/25
BK51551-BLK1	Blank	11/25/25
BK51551-BS1	LCS	11/25/25

Batch ID: BK51552 **Preparation Method:** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/25/25
BK51552-BLK1	Blank	11/25/25
BK51552-BS1	LCS	11/25/25

Batch ID: BK51627 **Preparation Method:** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	11/26/25
BK51627-BLK1	Blank	11/26/25

Batch ID: BK51651 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01RE1	MW-11_11212025	11/26/25
25K1151-02RE1	GWFB02_11212025	11/26/25
BK51651-BLK1	Blank	11/26/25
BK51651-BS1	LCS	11/26/25
BK51651-BS2	LCS	11/26/25

Batch ID: BL50086 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K1151-01	MW-11_11212025	12/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
Blank (BK51431-BLK1) Blank									Prepared: 11/22/2025 Analyzed: 11/23/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.270	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

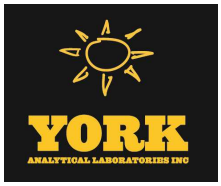
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
Blank (BK51431-BLK1) Blank									Prepared: 11/22/2025 Analyzed: 11/23/2025		
Naphthalene	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.60*		*"*	*10.0*		*96.0*	*79-122*				
LCS (BK51431-BS1) LCS									Prepared & Analyzed: 11/22/2025		
1,1,1,2-Tetrachloroethane	8.99		ug/L	10.0		89.9	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	54-165				
1,1,2-Trichloroethane	9.15		"	10.0		91.5	82-123				
1,1-Dichloroethane	9.52		"	10.0		95.2	82-129				
1,1-Dichloroethylene	9.93		"	10.0		99.3	68-138				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	76-136				
1,2,3-Trichloropropane	9.25		"	10.0		92.5	77-128				
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	76-137				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	82-132				
1,2-Dibromo-3-chloropropane	8.12		"	10.0		81.2	45-147				
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124				
1,2-Dichlorobenzene	9.71		"	10.0		97.1	79-123				
1,2-Dichloroethane	9.31		"	10.0		93.1	73-132				
1,2-Dichloropropane	8.80		"	10.0		88.0	78-126				
1,3,5-Trimethylbenzene	9.77		"	10.0		97.7	80-131				
1,3-Dichlorobenzene	9.50		"	10.0		95.0	86-122				
1,3-Dichloropropane	9.24		"	10.0		92.4	81-125				
1,4-Dichlorobenzene	9.58		"	10.0		95.8	85-124				
2-Butanone	9.62		"	10.0		96.2	49-152				
2-Hexanone	8.16		"	10.0		81.6	51-146				
4-Methyl-2-pentanone	8.25		"	10.0		82.5	57-145				
Acetone	8.52		"	10.0		85.2	14-150				
Acrolein	18.4		"	40.0		45.9	10-153				
Acrylonitrile	9.95		"	10.0		99.5	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
LCS (BK51431-BS1) LCS							Prepared & Analyzed: 11/22/2025				
Benzene	9.65		ug/L	10.0		96.5	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.52		"	10.0		75.2	78-133	Low Bias			
Bromomethane	4.39		"	10.0		43.9	43-168				
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	9.59		"	10.0		95.9	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	9.57		"	10.0		95.7	82-128				
Chloromethane	6.44		"	10.0		64.4	43-155				
cis-1,2-Dichloroethylene	9.35		"	10.0		93.5	83-129				
cis-1,3-Dichloropropylene	8.05		"	10.0		80.5	80-131				
Cyclohexane	12.4		"	10.0		124	63-149				
Dibromochloromethane	8.61		"	10.0		86.1	80-130				
Dibromomethane	9.39		"	10.0		93.9	72-134				
Dichlorodifluoromethane	7.49		"	10.0		74.9	44-144				
Ethyl Benzene	9.93		"	10.0		99.3	80-131				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				
Isopropylbenzene	9.93		"	10.0		99.3	76-140				
Methyl acetate	7.04		"	10.0		70.4	51-139				
Methyl tert-butyl ether (MTBE)	9.12		"	10.0		91.2	76-135				
Methylcyclohexane	11.3		"	10.0		113	72-143				
Methylene chloride	8.13		"	10.0		81.3	55-137				
Naphthalene	9.22		"	10.0		92.2	70-147				
n-Butylbenzene	9.60		"	10.0		96.0	79-132				
n-Propylbenzene	9.65		"	10.0		96.5	78-133				
o-Xylene	9.57		"	10.0		95.7	78-130				
p- & m- Xylenes	19.9		"	20.0		99.4	77-133				
p-Diethylbenzene	9.29		"	10.0		92.9	84-134				
p-Ethyltoluene	9.49		"	10.0		94.9	88-129				
p-Isopropyltoluene	9.71		"	10.0		97.1	81-136				
sec-Butylbenzene	9.82		"	10.0		98.2	79-137				
Styrene	9.00		"	10.0		90.0	67-132				
tert-Butyl alcohol (TBA)	38.4		"	50.0		76.7	25-162				
tert-Butylbenzene	9.73		"	10.0		97.3	77-138				
Tetrachloroethylene	5.79		"	10.0		57.9	82-131	Low Bias			
Toluene	9.87		"	10.0		98.7	80-127				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	80-132				
trans-1,3-Dichloropropylene	7.92		"	10.0		79.2	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	8.13		"	10.0		81.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK51418 - EPA 3510C

Blank (BK51418-BLK1) Blank — Prepared & Analyzed: 11/22/2025

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Blank (BK51418-BLK1) Blank								Prepared & Analyzed: 11/22/2025			
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.2*		"	*50.0*		*36.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.68*		"	*50.0*		*19.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.7*		"	*25.0*		*66.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.5*		"	*25.0*		*66.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.1*		"	*50.0*		*94.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.7*		"	*25.0*		*82.8*	*30.7-106*				
LCS (BK51418-BS1) LCS								Prepared & Analyzed: 11/22/2025			
1,1-Biphenyl	16.0	5.00	ug/L	25.0		64.2	33-95				
1,2,4,5-Tetrachlorobenzene	14.2	5.00	"	25.0		56.6	26-120				
1,2,4-Trichlorobenzene	11.3	5.00	"	25.0		45.4	20-118				
1,2-Dichlorobenzene	11.6	5.00	"	25.0		46.6	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	14.3	5.00	"	25.0		57.3	16-141				
1,3-Dichlorobenzene	11.7	5.00	"	25.0		46.6	23-117				
1,4-Dichlorobenzene	11.5	5.00	"	25.0		46.1	30-105				
2,3,4,6-Tetrachlorophenol	30.2	5.00	"	25.0		121	30-130				
2,4,5-Trichlorophenol	19.8	5.00	"	25.0		79.3	32-114				
2,4,6-Trichlorophenol	18.6	5.00	"	25.0		74.3	35-118				
2,4-Dichlorophenol	14.0	5.00	"	25.0		55.8	25-116				
2,4-Dimethylphenol	13.0	5.00	"	25.0		51.8	15-116				
2,4-Dinitrophenol	26.9	5.00	"	25.0		107	10-170				
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.6	41-128				
2,6-Dinitrotoluene	21.8	5.00	"	25.0		87.2	45-116				
2-Chloronaphthalene	14.4	5.00	"	25.0		57.7	33-112				
2-Chlorophenol	13.3	5.00	"	25.0		53.0	15-120				
2-Methylnaphthalene	10.8	5.00	"	25.0		43.3	24-118				
2-Methylphenol	12.4	5.00	"	25.0		49.6	10-110				
2-Nitroaniline	21.0	5.00	"	25.0		84.2	34-129				
2-Nitrophenol	17.0	5.00	"	25.0		67.9	28-118				
3- & 4-Methylphenols	9.73	5.00	"	25.0		38.9	10-107				
3,3-Dichlorobenzidine	21.7	5.00	"	25.0		87.0	15-187				
3-Nitroaniline	17.7	5.00	"	25.0		70.7	24-134				
4,6-Dinitro-2-methylphenol	32.5	5.00	"	25.0		130	10-153				
4-Bromophenyl phenyl ether	15.2	5.00	"	25.0		60.8	34-120				
4-Chloro-3-methylphenol	15.9	5.00	"	25.0		63.4	20-120				
4-Chloroaniline	10.4	5.00	"	25.0		41.5	10-147				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		66.7	27-121				
4-Nitroaniline	19.8	5.00	"	25.0		79.4	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	14.9	5.00	"	25.0		59.5	25-110				
Aniline	6.66	5.00	"	25.0		26.6	10-117				
Benzaldehyde	13.2	5.00	"	25.0		53.0	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.2	5.00	"	25.0		44.6	10-117				
Benzyl butyl phthalate	19.8	5.00	"	25.0		79.0	29-133				
Bis(2-chloroethoxy)methane	12.6	5.00	"	25.0		50.4	10-154				
Bis(2-chloroethyl)ether	13.2	5.00	"	25.0		53.0	17-125				
Bis(2-chloroisopropyl)ether	13.1	5.00	"	25.0		52.4	10-139				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
LCS (BK51418-BS1) LCS								Prepared & Analyzed: 11/22/2025			
Caprolactam	3.28	5.00	ug/L	25.0		13.1	10-137				
Carbazole	18.1	5.00	"	25.0		72.3	42-126				
Dibenzofuran	15.5	5.00	"	25.0		62.1	36-113				
Diethyl phthalate	17.6	5.00	"	25.0		70.4	38-115				
Dimethyl phthalate	17.6	5.00	"	25.0		70.4	38-129				
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.2	31-120				
Di-n-octyl phthalate	19.9	5.00	"	25.0		79.6	21-149				
Hexachlorocyclopentadiene	13.6	10.0	"	25.0		54.2	10-130				
Isophorone	13.8	5.00	"	25.0		55.0	25-127				
N-nitroso-di-n-propylamine	15.2	5.00	"	25.0		60.7	26-122				
N-Nitrosodiphenylamine	17.5	5.00	"	25.0		70.0	23-149				
Phenol	6.02	5.00	"	25.0		24.1	10-110				
Pyridine	7.05	5.00	"	35.0		20.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.4*		*"*	*50.0*		*34.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.73*		*"*	*50.0*		*19.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.2*		*"*	*25.0*		*60.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.7*		*"*	*25.0*		*63.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.9*		*"*	*50.0*		*91.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.9*		*"*	*25.0*		*75.7*	*30.7-106*				
LCS Dup (BK51418-BSD1) LCS Dup								Prepared & Analyzed: 11/22/2025			
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.4	33-95		9.27	20	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0		61.2	26-120		7.81	20	
1,2,4-Trichlorobenzene	13.0	5.00	"	25.0		52.1	20-118		13.9	20	
1,2-Dichlorobenzene	12.9	5.00	"	25.0		51.8	29-111		10.5	20	
1,2-Diphenylhydrazine (as Azobenzene)	15.8	5.00	"	25.0		63.2	16-141		9.83	20	
1,3-Dichlorobenzene	13.1	5.00	"	25.0		52.3	23-117		11.4	20	
1,4-Dichlorobenzene	13.0	5.00	"	25.0		51.8	30-105		11.6	20	
2,3,4,6-Tetrachlorophenol	34.9	5.00	"	25.0		140	30-130	High Bias	14.4	20	
2,4,5-Trichlorophenol	21.7	5.00	"	25.0		86.8	32-114		9.01	20	
2,4,6-Trichlorophenol	20.9	5.00	"	25.0		83.7	35-118		11.9	20	
2,4-Dichlorophenol	15.8	5.00	"	25.0		63.1	25-116		12.2	20	
2,4-Dimethylphenol	15.0	5.00	"	25.0		60.0	15-116		14.7	20	
2,4-Dinitrophenol	33.7	5.00	"	25.0		135	10-170		22.6	20	Non-dir.
2,4-Dinitrotoluene	26.0	5.00	"	25.0		104	41-128		12.7	20	
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.6	45-116		12.2	20	
2-Chloronaphthalene	15.9	5.00	"	25.0		63.5	33-112		9.57	20	
2-Chlorophenol	14.5	5.00	"	25.0		58.0	15-120		9.00	20	
2-Methylnaphthalene	12.0	5.00	"	25.0		48.1	24-118		10.6	20	
2-Methylphenol	13.6	5.00	"	25.0		54.5	10-110		9.38	20	
2-Nitroaniline	23.9	5.00	"	25.0		95.7	34-129		12.9	20	
2-Nitrophenol	18.8	5.00	"	25.0		75.0	28-118		9.97	20	
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.1	10-107		12.4	20	
3,3-Dichlorobenzidine	23.8	5.00	"	25.0		95.3	15-187		9.13	20	
3-Nitroaniline	20.4	5.00	"	25.0		81.7	24-134		14.5	20	
4,6-Dinitro-2-methylphenol	38.1	5.00	"	25.0		153	10-153		16.0	20	
4-Bromophenyl phenyl ether	17.1	5.00	"	25.0		68.5	34-120		11.9	20	
4-Chloro-3-methylphenol	18.3	5.00	"	25.0		73.3	20-120		14.4	20	
4-Chloroaniline	12.4	5.00	"	25.0		49.8	10-147		18.1	20	
4-Chlorophenyl phenyl ether	18.6	5.00	"	25.0		74.6	27-121		11.1	20	
4-Nitroaniline	22.6	5.00	"	25.0		90.4	13-134		13.0	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
LCS Dup (BK51418-BSD1) LCS Dup								Prepared & Analyzed: 11/22/2025			
4-Nitrophenol	ND	5.00	ug/L	25.0			10-131	Low Bias		20	
Acetophenone	16.0	5.00	"	25.0		63.8	25-110		6.94	20	
Aniline	6.80	5.00	"	25.0		27.2	10-117		2.08	20	
Benzaldehyde	15.2	5.00	"	25.0		61.0	29-117		14.1	20	
Benzoic acid	3.60	5.00	"	25.0		14.4	30-130	Low Bias	47.4	20	Non-dir.
Benzyl alcohol	12.4	5.00	"	25.0		49.5	10-117		10.4	20	
Benzyl butyl phthalate	22.6	5.00	"	25.0		90.6	29-133		13.7	20	
Bis(2-chloroethoxy)methane	14.1	5.00	"	25.0		56.2	10-154		10.9	20	
Bis(2-chloroethyl)ether	14.3	5.00	"	25.0		57.1	17-125		7.41	20	
Bis(2-chloroisopropyl)ether	13.8	5.00	"	25.0		55.2	10-139		5.06	20	
Caprolactam	3.85	5.00	"	25.0		15.4	10-137		16.0	20	
Carbazole	20.2	5.00	"	25.0		80.6	42-126		10.9	20	
Dibenzofuran	17.2	5.00	"	25.0		69.0	36-113		10.6	20	
Diethyl phthalate	20.0	5.00	"	25.0		79.8	38-115		12.6	20	
Dimethyl phthalate	20.0	5.00	"	25.0		80.0	38-129		12.7	20	
Di-n-butyl phthalate	20.9	5.00	"	25.0		83.6	31-120		12.0	20	
Di-n-octyl phthalate	23.1	5.00	"	25.0		92.5	21-149		15.0	20	
Hexachlorocyclopentadiene	15.2	10.0	"	25.0		61.0	10-130		11.8	20	
Isophorone	15.4	5.00	"	25.0		61.6	25-127		11.2	20	
N-nitroso-di-n-propylamine	16.2	5.00	"	25.0		64.8	26-122		6.63	20	
N-Nitrosodiphenylamine	19.8	5.00	"	25.0		79.2	23-149		12.3	20	
Phenol	6.73	5.00	"	25.0		26.9	10-110		11.1	20	
Pyridine	5.97	5.00	"	35.0		17.1	10-90		16.6	20	
Surrogate: SURR: 2-Fluorophenol	*18.3*		"	*50.0*		*36.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.3*		"	*50.0*		*20.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.2*		"	*25.0*		*65.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.3*		"	*25.0*		*65.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.4*		"	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		"	*25.0*		*84.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

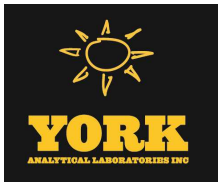
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51419 - EPA 3510C											
Blank (BK51419-BLK2) Blank								Prepared & Analyzed: 11/22/2025			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BK51419-BS2) LCS								Prepared & Analyzed: 11/22/2025			
Acenaphthene	0.422	0.0500	ug/L	1.00		42.2	25-116				
Acenaphthylene	0.453	0.0500	"	1.00		45.3	26-116				
Anthracene	0.448	0.0500	"	1.00		44.8	25-123				
Benzo(a)anthracene	0.492	0.0500	"	1.00		49.2	33-125				
Benzo(a)pyrene	0.487	0.0500	"	1.00		48.7	32-132				
Benzo(b)fluoranthene	0.584	0.0500	"	1.00		58.4	22-137				
Benzo(g,h,i)perylene	0.607	0.0500	"	1.00		60.7	10-138				
Benzo(k)fluoranthene	0.566	0.0500	"	1.00		56.6	20-137				
Bis(2-ethylhexyl)phthalate	0.557	0.500	"	1.00		55.7	10-189				
Chrysene	0.527	0.0500	"	1.00		52.7	32-124				
Dibenzo(a,h)anthracene	0.537	0.0500	"	1.00		53.7	16-133				
Fluoranthene	0.521	0.0500	"	1.00		52.1	32-121				
Fluorene	0.474	0.0500	"	1.00		47.4	28-118				
Hexachlorobenzene	0.549	0.0200	"	1.00		54.9	23-124				
Hexachlorobutadiene	0.518	0.500	"	1.00		51.8	15-123				
Hexachloroethane	1.73	0.500	"	1.00		173	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.511	0.0500	"	1.00		51.1	15-135				
Naphthalene	0.428	0.0500	"	1.00		42.8	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.443	0.250	"	1.00		44.3	10-156				
Phenanthrene	0.470	0.0500	"	1.00		47.0	24-127				
Pyrene	0.467	0.0500	"	1.00		46.7	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51552 - EPA 3535A											
Blank (BK51552-BLK1) Blank									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.56*		*"*	*4.00*		*64.0*	*36.6-118*				
LCS (BK51552-BS1) LCS									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*2.88*		*"*	*4.00*		*72.0*	*36.6-118*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51445 - EPA 1633 Prep											
Blank (BK51445-BLK1) Blank									Prepared: 11/23/2025 Analyzed: 11/24/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*36.0*		"	*23.3*		*155*	*40-135*				
Surrogate: M5PFHxA	*33.1*		"	*25.0*		*132*	*40-130*				
Surrogate: M4PFHpA	*30.4*		"	*25.0*		*122*	*40-130*				
Surrogate: M3PFHxS	*35.0*		"	*23.7*		*148*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.9*		"	*25.0*		*136*	*40-130*				
Surrogate: M6PFDA	*18.4*		"	*12.5*		*147*	*40-130*				
Surrogate: M7PFUdA	*17.3*		"	*12.5*		*139*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.2*		"	*12.5*		*129*	*10-130*				
Surrogate: M2PFTeDA	*15.5*		"	*12.5*		*124*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

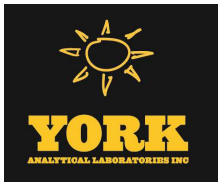
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51445 - EPA 1633 Prep											
Blank (BK51445-BLK1) Blank								Prepared: 11/23/2025 Analyzed: 11/24/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*129*		*ng/L*	*100*		*129*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.9*		*"*	*24.0*		*141*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.5*		*"*	*50.0*		*145*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.5*		*"*	*25.0*		*154*	*40-130*				
Surrogate: d3-N-MeFOSAA	*66.7*		*"*	*50.0*		*133*	*40-170*				
Surrogate: d5-N-EtFOSAA	*72.8*		*"*	*50.0*		*146*	*25-135*				
Surrogate: M2-6:2 FTS	*61.4*		*"*	*47.6*		*129*	*40-200*				
Surrogate: M2-8:2 FTS	*61.3*		*"*	*48.0*		*128*	*40-300*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*130*	*40-130*				
Surrogate: M2-4:2 FTS	*66.4*		*"*	*46.9*		*142*	*40-200*				
Surrogate: d-N-MeFOSA	*30.1*		*"*	*25.0*		*120*	*10-130*				
Surrogate: d-N-EtFOSA	*26.6*		*"*	*25.0*		*106*	*10-130*				
Surrogate: M3HFPO-DA	*131*		*"*	*100*		*131*	*40-130*				
Surrogate: d9-N-EtFOSE	*259*		*"*	*250*		*103*	*10-130*				
Surrogate: d7-N-MeFOSE	*280*		*"*	*250*		*112*	*10-130*				
LCS (BK51445-BS1) LCS								Prepared: 11/23/2025 Analyzed: 11/24/2025			
Perfluorobutanesulfonic acid (PFBS)	32.1	1.77	ng/L	35.4		90.6	60-145				
Perfluorohexanoic acid (PFHxA)	35.3	2.00	"	40.0		88.4	70-145				
Perfluoroheptanoic acid (PFHpA)	36.8	2.00	"	40.0		91.9	70-150				
Perfluorohexanesulfonic acid (PFHxS)	32.4	1.83	"	36.6		88.6	65-145				
Perfluorooctanoic acid (PFOA)	36.2	2.00	"	40.0		90.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	34.1	1.86	"	37.2		91.7	55-150				
Perfluorononanoic acid (PFNA)	36.6	2.00	"	40.0		91.6	70-150				
Perfluorodecanoic acid (PFDA)	37.1	2.00	"	40.0		92.8	70-140				
Perfluoroundecanoic acid (PFUnA)	37.1	2.00	"	40.0		92.7	70-145				
Perfluorododecanoic acid (PFDoA)	34.9	2.00	"	40.0		87.3	70-140				
Perfluorotridecanoic acid (PFTrDA)	37.8	2.00	"	40.0		94.5	65-140				
Perfluorotetradecanoic acid (PFTA)	37.5	2.00	"	40.0		93.8	60-140				
N-MeFOSAA	35.7	2.00	"	40.0		89.3	50-140				
N-EtFOSAA	36.4	2.00	"	40.0		91.1	70-145				
Perfluoropentanoic acid (PFPeA)	73.3	4.00	"	80.0		91.7	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	36.0	2.00	"	40.0		89.9	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.3	1.91	"	38.2		89.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	34.8	1.93	"	38.6		90.1	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	138	7.60	"	152		90.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	140	7.68	"	154		91.1	60-150				
Perfluoro-n-butanoic acid (PFBA)	142	8.00	"	160		89.0	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	51.2	3.56	"	71.2		71.9	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	113	4.00	"	80.0		141	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	90.7	4.00	"	80.0		113	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	77.9	4.00	"	80.0		97.4	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	32.7	1.88	"	37.6		86.9	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	137	7.50	"	150		91.1	70-145				
HFPO-DA (Gen-X)	65.9	8.00	"	80.0		82.4	70-140				
11CL-PF3OUdS	47.5	7.56	"	75.6		62.8	55-160				
9CL-PF3ONS	48.3	7.48	"	74.8		64.6	70-155	Low Bias			
ADONA	62.5	7.56	"	75.6		82.6	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51445 - EPA 1633 Prep											
LCS (BK51445-BS1) LCS								Prepared: 11/23/2025 Analyzed: 11/24/2025			
Perfluorododecanesulfonic acid (PFDoS)	32.8	1.94	ng/L	38.8		84.4	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	34.0	1.92	"	38.4		88.5	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	135	10.0	"	160		84.3	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	718	50.0	"	800		89.8	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	677	50.0	"	800		84.6	50-145				
N-MeFOSE	373	20.0	"	400		93.2	70-145				
N-MeFOSA	39.0	2.00	"	40.0		97.4	60-150				
N-EtFOSE	410	20.0	"	400		102	70-135				
N-EtFOSA	38.7	2.00	"	40.0		96.7	65-145				
Surrogate: M3PFBS	*36.0*		*"*	*23.3*		*155*	*40-135*				
Surrogate: M5PFHxA	*35.4*		*"*	*25.0*		*142*	*40-130*				
Surrogate: M4PFHpA	*32.3*		*"*	*25.0*		*129*	*40-130*				
Surrogate: M3PFHxS	*35.0*		*"*	*23.7*		*148*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.2*		*"*	*25.0*		*141*	*40-130*				
Surrogate: M6PFDA	*16.0*		*"*	*12.5*		*128*	*40-130*				
Surrogate: M7PFUdA	*16.3*		*"*	*12.5*		*131*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.6*		*"*	*12.5*		*125*	*10-130*				
Surrogate: M2PFTeDA	*14.3*		*"*	*12.5*		*115*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*135*		*"*	*100*		*135*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.4*		*"*	*24.0*		*140*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*77.7*		*"*	*50.0*		*155*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*40.7*		*"*	*25.0*		*163*	*40-130*				
Surrogate: d3-N-MeFOSAA	*68.1*		*"*	*50.0*		*136*	*40-170*				
Surrogate: d5-N-EtFOSAA	*73.0*		*"*	*50.0*		*146*	*25-135*				
Surrogate: M2-6:2 FTS	*56.4*		*"*	*47.6*		*119*	*40-200*				
Surrogate: M2-8:2 FTS	*58.7*		*"*	*48.0*		*122*	*40-300*				
Surrogate: M9PFNA	*16.9*		*"*	*12.5*		*136*	*40-130*				
Surrogate: M2-4:2 FTS	*60.5*		*"*	*46.9*		*129*	*40-200*				
Surrogate: d-N-MeFOSA	*30.3*		*"*	*25.0*		*121*	*10-130*				
Surrogate: d-N-EtFOSA	*27.9*		*"*	*25.0*		*112*	*10-130*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*40-130*				
Surrogate: d9-N-EtFOSE	*282*		*"*	*250*		*113*	*10-130*				
Surrogate: d7-N-MeFOSE	*316*		*"*	*250*		*126*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

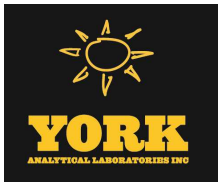
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51445 - EPA 1633 Prep											
LCS (BK51445-BS2) LCS								Prepared: 11/23/2025 Analyzed: 11/24/2025			
Perfluorobutanesulfonic acid (PFBS)	3.36	1.77	ng/L	3.54		94.9	60-145				
Perfluorohexanoic acid (PFHxA)	3.45	2.00	"	4.00		86.3	70-145				
Perfluoroheptanoic acid (PFHpA)	3.26	2.00	"	4.00		81.5	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	1.83	"	3.66		96.9	65-145				
Perfluorooctanoic acid (PFOA)	3.74	2.00	"	4.00		93.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.78	1.86	"	3.72		102	55-150				
Perfluorononanoic acid (PFNA)	3.05	2.00	"	4.00		76.1	70-150				
Perfluorodecanoic acid (PFDA)	3.32	2.00	"	4.00		82.9	70-140				
Perfluoroundecanoic acid (PFUnA)	3.31	2.00	"	4.00		82.7	70-145				
Perfluorododecanoic acid (PFDoA)	3.88	2.00	"	4.00		97.1	70-140				
Perfluorotridecanoic acid (PFTrDA)	3.44	2.00	"	4.00		86.1	65-140				
Perfluorotetradecanoic acid (PFTA)	3.59	2.00	"	4.00		89.8	60-140				
N-MeFOSAA	3.83	2.00	"	4.00		95.7	50-140				
N-EtFOSAA	3.61	2.00	"	4.00		90.2	70-145				
Perfluoropentanoic acid (PFPeA)	7.08	4.00	"	8.00		88.5	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.61	2.00	"	4.00		90.3	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.66	1.91	"	3.82		95.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.29	1.93	"	3.86		85.1	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.3	7.60	"	15.2		80.7	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.3	7.68	"	15.4		79.9	60-150				
Perfluoro-n-butanoic acid (PFBA)	13.5	8.00	"	16.0		84.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.44	3.56	"	7.12		76.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	12.2	4.00	"	8.00		152	50-150	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	8.87	4.00	"	8.00		111	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.13	4.00	"	8.00		102	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.30	1.88	"	3.76		87.7	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.3	7.50	"	15.0		88.9	70-145				
HFPO-DA (Gen-X)	5.16	8.00	"	8.00		64.5	70-140	Low Bias			
11CL-PF3OUdS	6.13	7.56	"	7.56		81.0	55-160				
9CL-PF3ONS	6.52	7.48	"	7.48		87.1	70-155				
ADONA	7.78	7.56	"	7.56		103	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.54	1.94	"	3.88		65.6	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.67	1.92	"	3.84		95.5	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.6	10.0	"	16.0		85.0	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	73.0	50.0	"	80.0		91.3	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	65.8	50.0	"	80.0		82.3	50-145				
N-MeFOSE	39.4	20.0	"	40.0		98.5	70-145				
N-MeFOSA	3.67	2.00	"	4.00		91.7	60-150				
N-EtFOSE	39.8	20.0	"	40.0		99.4	70-135				
N-EtFOSA	4.34	2.00	"	4.00		108	65-145				
Surrogate: M3PFBS	*37.8*		"	*23.3*		*162*	*40-135*				
Surrogate: M5PFHxA	*37.3*		"	*25.0*		*149*	*40-130*				
Surrogate: M4PFHpA	*36.4*		"	*25.0*		*145*	*40-130*				
Surrogate: M3PFHxS	*36.6*		"	*23.7*		*154*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*38.4*		"	*25.0*		*153*	*40-130*				
Surrogate: M6PFDA	*19.9*		"	*12.5*		*159*	*40-130*				
Surrogate: M7PFUdA	*19.1*		"	*12.5*		*153*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.8*		"	*12.5*		*143*	*10-130*				
Surrogate: M2PFTeDA	*16.2*		"	*12.5*		*130*	*10-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51445 - EPA 1633 Prep											
LCS (BK51445-BS2) LCS									Prepared: 11/23/2025 Analyzed: 11/24/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*145*		*ng/L*	*100*		*145*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.4*		*"*	*24.0*		*148*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.6*		*"*	*50.0*		*167*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.6*		*"*	*25.0*		*166*	*40-130*				
Surrogate: d3-N-MeFOSAA	*75.9*		*"*	*50.0*		*152*	*40-170*				
Surrogate: d5-N-EtFOSAA	*77.3*		*"*	*50.0*		*155*	*25-135*				
Surrogate: M2-6:2 FTS	*67.1*		*"*	*47.6*		*141*	*40-200*				
Surrogate: M2-8:2 FTS	*63.5*		*"*	*48.0*		*132*	*40-300*				
Surrogate: M9PFNA	*19.0*		*"*	*12.5*		*152*	*40-130*				
Surrogate: M2-4:2 FTS	*68.6*		*"*	*46.9*		*146*	*40-200*				
Surrogate: d-N-MeFOSA	*33.6*		*"*	*25.0*		*135*	*10-130*				
Surrogate: d-N-EtFOSA	*30.1*		*"*	*25.0*		*121*	*10-130*				
Surrogate: M3HFPO-DA	*149*		*"*	*100*		*149*	*40-130*				
Surrogate: d9-N-EtFOSE	*295*		*"*	*250*		*118*	*10-130*				
Surrogate: d7-N-MeFOSE	*316*		*"*	*250*		*126*	*10-130*				
Batch BK51651 - EPA 1633 Prep											
Blank (BK51651-BLK1) Blank									Prepared: 11/26/2025 Analyzed: 12/02/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

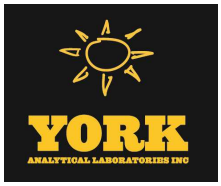
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51651 - EPA 1633 Prep											
Blank (BK51651-BLK1) Blank									Prepared: 11/26/2025 Analyzed: 12/02/2025		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*25.3*		"	*23.3*		*108*	*40-135*				
Surrogate: M5PFHxA	*26.6*		"	*25.0*		*106*	*40-130*				
Surrogate: M4PFHpA	*23.5*		"	*25.0*		*94.0*	*40-130*				
Surrogate: M3PFHxS	*25.8*		"	*23.7*		*109*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.9*		"	*25.0*		*99.6*	*40-130*				
Surrogate: M6PFDA	*13.0*		"	*12.5*		*104*	*40-130*				
Surrogate: M7PFUdA	*14.0*		"	*12.5*		*112*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.9*		"	*12.5*		*94.9*	*10-130*				
Surrogate: M2PFTeDA	*10.7*		"	*12.5*		*85.8*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.6*		"	*100*		*96.6*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.0*		"	*24.0*		*109*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.6*		"	*50.0*		*105*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.8*		"	*25.0*		*107*	*40-130*				
Surrogate: d3-N-MeFOSAA	*56.9*		"	*50.0*		*114*	*40-170*				
Surrogate: d5-N-EtFOSAA	*62.8*		"	*50.0*		*126*	*25-135*				
Surrogate: M2-6:2 FTS	*90.5*		"	*47.6*		*190*	*40-200*				
Surrogate: M2-8:2 FTS	*80.7*		"	*48.0*		*168*	*40-300*				
Surrogate: M9PFNA	*13.2*		"	*12.5*		*105*	*40-130*				
Surrogate: M2-4:2 FTS	*86.7*		"	*46.9*		*185*	*40-200*				
Surrogate: d-N-MeFOSA	*21.6*		"	*25.0*		*86.3*	*10-130*				
Surrogate: d-N-EtFOSA	*18.1*		"	*25.0*		*72.2*	*10-130*				
Surrogate: M3HFPO-DA	*118*		"	*100*		*118*	*40-130*				
Surrogate: d9-N-EtFOSE	*206*		"	*250*		*82.5*	*10-130*				
Surrogate: d7-N-MeFOSE	*240*		"	*250*		*95.8*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51651 - EPA 1633 Prep											
LCS (BK51651-BS1) LCS								Prepared: 11/26/2025 Analyzed: 12/02/2025			
Perfluorobutanesulfonic acid (PFBS)	30.3	1.77	ng/L	35.4		85.6	60-145				
Perfluorohexanoic acid (PFHxA)	34.9	2.00	"	40.0		87.2	70-145				
Perfluoroheptanoic acid (PFHpA)	36.7	2.00	"	40.0		91.6	70-150				
Perfluorohexanesulfonic acid (PFHxS)	31.2	1.83	"	36.6		85.2	65-145				
Perfluorooctanoic acid (PFOA)	35.1	2.00	"	40.0		87.7	70-150				
Perfluorooctanesulfonic acid (PFOS)	33.2	1.86	"	37.2		89.3	55-150				
Perfluorononanoic acid (PFNA)	34.1	2.00	"	40.0		85.2	70-150				
Perfluorodecanoic acid (PFDA)	36.3	2.00	"	40.0		90.9	70-140				
Perfluoroundecanoic acid (PFUnA)	35.8	2.00	"	40.0		89.6	70-145				
Perfluorododecanoic acid (PFDoA)	35.3	2.00	"	40.0		88.3	70-140				
Perfluorotridecanoic acid (PFTrDA)	38.0	2.00	"	40.0		95.0	65-140				
Perfluorotetradecanoic acid (PFTA)	38.3	2.00	"	40.0		95.7	60-140				
N-MeFOSAA	35.0	2.00	"	40.0		87.5	50-140				
N-EtFOSAA	36.3	2.00	"	40.0		90.8	70-145				
Perfluoropentanoic acid (PFPeA)	69.3	4.00	"	80.0		86.7	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	36.0	2.00	"	40.0		90.0	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	30.8	1.91	"	38.2		80.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.8	1.93	"	38.6		92.7	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	128	7.60	"	152		83.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	139	7.68	"	154		90.4	60-150				
Perfluoro-n-butanoic acid (PFBA)	139	8.00	"	160		86.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	66.9	3.56	"	71.2		94.0	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	69.4	4.00	"	80.0		86.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	76.6	4.00	"	80.0		95.7	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	76.9	4.00	"	80.0		96.1	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	33.1	1.88	"	37.6		88.1	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	126	7.50	"	150		84.3	70-145				
HFPO-DA (Gen-X)	68.3	8.00	"	80.0		85.4	70-140				
11CL-PF3OUdS	64.5	7.56	"	75.6		85.3	55-160				
9CL-PF3ONS	64.9	7.48	"	74.8		86.8	70-155				
ADONA	65.8	7.56	"	75.6		87.0	65-145				
Perfluorododecanesulfonic acid (PFDoS)	33.3	1.94	"	38.8		85.9	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	34.4	1.92	"	38.4		89.7	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	165	10.0	"	160		103	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	926	50.0	"	800		116	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	851	50.0	"	800		106	50-145				
N-MeFOSE	365	20.0	"	400		91.2	70-145				
N-MeFOSA	37.9	2.00	"	40.0		94.8	60-150				
N-EtFOSE	386	20.0	"	400		96.6	70-135				
N-EtFOSA	39.1	2.00	"	40.0		97.8	65-145				
Surrogate: M3PFBS	*23.6*		"	*23.3*		*101*	*40-135*				
Surrogate: M5PFHxA	*25.2*		"	*25.0*		*101*	*40-130*				
Surrogate: M4PFHpA	*23.1*		"	*25.0*		*92.6*	*40-130*				
Surrogate: M3PFHxS	*23.7*		"	*23.7*		*99.9*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.4*		"	*25.0*		*97.5*	*40-130*				
Surrogate: M6PFDA	*12.7*		"	*12.5*		*102*	*40-130*				
Surrogate: M7PFUdA	*13.3*		"	*12.5*		*106*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.6*		"	*12.5*		*93.0*	*10-130*				
Surrogate: M2PFTeDA	*11.3*		"	*12.5*		*90.2*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51651 - EPA 1633 Prep											
LCS (BK51651-BS1) LCS								Prepared: 11/26/2025 Analyzed: 12/02/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103*		*ng/L*	*100*		*103*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.8*		*"*	*24.0*		*99.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.2*		*"*	*50.0*		*98.4*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.0*		*"*	*25.0*		*99.9*	*40-130*				
Surrogate: d3-N-MeFOSAA	*54.8*		*"*	*50.0*		*110*	*40-170*				
Surrogate: d5-N-EtFOSAA	*57.9*		*"*	*50.0*		*116*	*25-135*				
Surrogate: M2-6:2 FTS	*76.2*		*"*	*47.6*		*160*	*40-200*				
Surrogate: M2-8:2 FTS	*73.8*		*"*	*48.0*		*154*	*40-300*				
Surrogate: M9PFNA	*12.4*		*"*	*12.5*		*99.3*	*40-130*				
Surrogate: M2-4:2 FTS	*74.2*		*"*	*46.9*		*158*	*40-200*				
Surrogate: d-N-MeFOSA	*21.6*		*"*	*25.0*		*86.3*	*10-130*				
Surrogate: d-N-EtFOSA	*18.7*		*"*	*25.0*		*74.8*	*10-130*				
Surrogate: M3HFPO-DA	*110*		*"*	*100*		*110*	*40-130*				
Surrogate: d9-N-EtFOSE	*197*		*"*	*250*		*78.9*	*10-130*				
Surrogate: d7-N-MeFOSE	*226*		*"*	*250*		*90.4*	*10-130*				
LCS (BK51651-BS2) LCS								Prepared: 11/26/2025 Analyzed: 12/02/2025			
Perfluorobutanesulfonic acid (PFBS)	2.81	1.77	ng/L	3.54		79.4	60-145				
Perfluorohexanoic acid (PFHxA)	3.12	2.00	"	4.00		78.0	70-145				
Perfluoroheptanoic acid (PFHpA)	3.42	2.00	"	4.00		85.6	70-150				
Perfluorohexanesulfonic acid (PFHxS)	2.96	1.83	"	3.66		80.9	65-145				
Perfluorooctanoic acid (PFOA)	3.34	2.00	"	4.00		83.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	2.89	1.86	"	3.72		77.8	55-150				
Perfluorononanoic acid (PFNA)	3.31	2.00	"	4.00		82.8	70-150				
Perfluorodecanoic acid (PFDA)	3.30	2.00	"	4.00		82.4	70-140				
Perfluoroundecanoic acid (PFUnA)	3.84	2.00	"	4.00		95.9	70-145				
Perfluorododecanoic acid (PFDoA)	3.39	2.00	"	4.00		84.6	70-140				
Perfluorotridecanoic acid (PFTrDA)	3.50	2.00	"	4.00		87.6	65-140				
Perfluorotetradecanoic acid (PFTA)	3.53	2.00	"	4.00		88.2	60-140				
N-MeFOSAA	2.99	2.00	"	4.00		74.7	50-140				
N-EtFOSAA	3.58	2.00	"	4.00		89.5	70-145				
Perfluoropentanoic acid (PFPeA)	6.32	4.00	"	8.00		78.9	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.30	2.00	"	4.00		82.4	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.55	1.91	"	3.82		66.7	70-150	Low Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	2.86	1.93	"	3.86		74.2	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.1	7.60	"	15.2		73.2	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.1	7.68	"	15.4		79.0	60-150				
Perfluoro-n-butanoic acid (PFBA)	12.6	8.00	"	16.0		78.7	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.15	3.56	"	7.12		86.3	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.40	4.00	"	8.00		80.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.31	4.00	"	8.00		91.4	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.25	4.00	"	8.00		90.6	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.86	1.88	"	3.76		76.1	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.5	7.50	"	15.0		76.7	70-145				
HFPO-DA (Gen-X)	9.83	8.00	"	8.00		123	70-140				
11CL-PF3OUdS	5.25	7.56	"	7.56		69.4	55-160				
9CL-PF3ONS	5.99	7.48	"	7.48		80.1	70-155				
ADONA	6.25	7.56	"	7.56		82.6	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51651 - EPA 1633 Prep											
LCS (BK51651-BS2) LCS								Prepared: 11/26/2025 Analyzed: 12/02/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.58	1.94	ng/L	3.88		66.5	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.91	1.92	"	3.84		75.9	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.3	10.0	"	16.0		102	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.8	50.0	"	80.0		111	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	76.0	50.0	"	80.0		95.0	50-145				
N-MeFOSE	37.1	20.0	"	40.0		92.8	70-145				
N-MeFOSA	3.94	2.00	"	4.00		98.6	60-150				
N-EtFOSE	40.1	20.0	"	40.0		100	70-135				
N-EtFOSA	3.62	2.00	"	4.00		90.5	65-145				
Surrogate: M3PFBS	*26.0*		"	*23.3*		*112*	*40-135*				
Surrogate: M5PFHxA	*28.1*		"	*25.0*		*112*	*40-130*				
Surrogate: M4PFHpA	*24.3*		"	*25.0*		*97.0*	*40-130*				
Surrogate: M3PFHxS	*25.8*		"	*23.7*		*109*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.8*		"	*25.0*		*103*	*40-130*				
Surrogate: M6PFDA	*13.4*		"	*12.5*		*107*	*40-130*				
Surrogate: M7PFUdA	*13.3*		"	*12.5*		*107*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.9*		"	*12.5*		*95.5*	*10-130*				
Surrogate: M2PFTeDA	*11.1*		"	*12.5*		*88.8*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106*		"	*100*		*106*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.9*		"	*24.0*		*116*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.4*		"	*50.0*		*109*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.3*		"	*25.0*		*109*	*40-130*				
Surrogate: d3-N-MeFOSAA	*65.6*		"	*50.0*		*131*	*40-170*				
Surrogate: d5-N-EtFOSAA	*64.7*		"	*50.0*		*129*	*25-135*				
Surrogate: M2-6:2 FTS	*90.0*		"	*47.6*		*189*	*40-200*				
Surrogate: M2-8:2 FTS	*85.5*		"	*48.0*		*178*	*40-300*				
Surrogate: M9PFNA	*13.3*		"	*12.5*		*106*	*40-130*				
Surrogate: M2-4:2 FTS	*85.9*		"	*46.9*		*183*	*40-200*				
Surrogate: d-N-MeFOSA	*23.2*		"	*25.0*		*92.6*	*10-130*				
Surrogate: d-N-EtFOSA	*21.8*		"	*25.0*		*87.4*	*10-130*				
Surrogate: M3HFPO-DA	*119*		"	*100*		*119*	*40-130*				
Surrogate: d9-N-EtFOSE	*201*		"	*250*		*80.2*	*10-130*				
Surrogate: d7-N-MeFOSE	*238*		"	*250*		*95.3*	*10-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51493 - EPA SW846-3510C Low Level											
Blank (BK51493-BLK1) Blank								Prepared & Analyzed: 11/24/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*70.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0819*		*"*	*0.200*		*41.0*	*30-150*				
LCS (BK51493-BS1) LCS								Prepared: 11/24/2025 Analyzed: 11/25/2025			
4,4'-DDD	0.0594	0.00400	ug/L	0.100		59.4	40-140			20	
4,4'-DDE	0.0593	0.00400	"	0.100		59.3	40-140			20	
4,4'-DDT	0.0626	0.00400	"	0.100		62.6	40-140			20	
Aldrin	0.0445	0.00400	"	0.100		44.5	40-140			20	
alpha-BHC	0.0594	0.00400	"	0.100		59.4	40-140			20	
alpha-Chlordane	0.0543	0.00400	"	0.100		54.3	40-140			20	
beta-BHC	0.0718	0.00400	"	0.100		71.8	40-140			20	
delta-BHC	0.0539	0.00400	"	0.100		53.9	40-140			20	
Dieldrin	0.0585	0.00200	"	0.100		58.5	40-140			20	
Endosulfan I	0.0550	0.00400	"	0.100		55.0	40-140			20	
Endosulfan II	0.0625	0.00400	"	0.100		62.5	40-140			20	
Endosulfan sulfate	0.0590	0.00400	"	0.100		59.0	40-140			20	
Endrin	0.0594	0.00400	"	0.100		59.4	40-140			20	
Endrin aldehyde	0.0613	0.0100	"	0.100		61.3	40-140			20	
Endrin ketone	0.0717	0.0100	"	0.100		71.7	40-140			20	
gamma-BHC (Lindane)	0.0575	0.00400	"	0.100		57.5	40-140			20	
gamma-Chlordane	0.0554	0.0100	"	0.100		55.4	40-140			20	
Heptachlor	0.0565	0.00400	"	0.100		56.5	40-140			20	
Heptachlor epoxide	0.0583	0.00400	"	0.100		58.3	40-140			20	
Methoxychlor	0.0772	0.00400	"	0.100		77.2	40-140			20	
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.200*		*55.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0918*		*"*	*0.200*		*45.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51493 - EPA SW846-3510C Low Level											
LCS Dup (BK51493-BSD1) LCS Dup									Prepared: 11/24/2025 Analyzed: 11/25/2025		
4,4'-DDD	0.0562	0.00400	ug/L	0.100		56.2	40-140		5.58	20	
4,4'-DDE	0.0558	0.00400	"	0.100		55.8	40-140		6.01	20	
4,4'-DDT	0.0596	0.00400	"	0.100		59.6	40-140		5.02	20	
Aldrin	0.0424	0.00400	"	0.100		42.4	40-140		4.72	20	
alpha-BHC	0.0514	0.00400	"	0.100		51.4	40-140		14.5	20	
alpha-Chlordane	0.0511	0.00400	"	0.100		51.1	40-140		6.13	20	
beta-BHC	0.0603	0.00400	"	0.100		60.3	40-140		17.4	20	
delta-BHC	0.0482	0.00400	"	0.100		48.2	40-140		11.2	20	
Dieldrin	0.0551	0.00200	"	0.100		55.1	40-140		5.93	20	
Endosulfan I	0.0511	0.00400	"	0.100		51.1	40-140		7.44	20	
Endosulfan II	0.0581	0.00400	"	0.100		58.1	40-140		7.33	20	
Endosulfan sulfate	0.0561	0.00400	"	0.100		56.1	40-140		5.04	20	
Endrin	0.0557	0.00400	"	0.100		55.7	40-140		6.32	20	
Endrin aldehyde	0.0589	0.0100	"	0.100		58.9	40-140		3.99	20	
Endrin ketone	0.0706	0.0100	"	0.100		70.6	40-140		1.51	20	
gamma-BHC (Lindane)	0.0520	0.00400	"	0.100		52.0	40-140		10.1	20	
gamma-Chlordane	0.0519	0.0100	"	0.100		51.9	40-140		6.56	20	
Heptachlor	0.0528	0.00400	"	0.100		52.8	40-140		6.77	20	
Heptachlor epoxide	0.0545	0.00400	"	0.100		54.5	40-140		6.75	20	
Methoxychlor	0.0747	0.00400	"	0.100		74.7	40-140		3.27	20	
Surrogate: Decachlorobiphenyl	*0.117*		*"*	*0.200*		*58.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0769*		*"*	*0.200*		*38.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51491 - EPA SW846-3510C Low Level											
Blank (BK51491-BLK1) Blank									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0740*		*"*	*0.200*		*37.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.117*		*"*	*0.200*		*58.5*	*30-120*				
LCS (BK51491-BS2) LCS									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aroclor 1016	0.586	0.0500	ug/L	1.00		58.6	40-120				
Aroclor 1260	0.543	0.0500	"	1.00		54.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0670*		*"*	*0.200*		*33.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0850*		*"*	*0.200*		*42.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51551 - EPA 8151A											
Blank (BK51551-BLK1) Blank								Prepared & Analyzed: 11/25/2025			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*72.0*		*"*	*125*		*57.6*	*30-150*				
LCS (BK51551-BS1) LCS								Prepared & Analyzed: 11/25/2025			
2,4,5-T	14.2	5.00	ug/L	20.0		71.2	10-140				
2,4,5-TP (Silvex)	17.2	5.00	"	20.0		86.2	10-139				
2,4-D	17.5	5.00	"	20.0		87.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*118*		*"*	*125*		*94.8*	*30-150*				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51435 - EPA SW846-7470A											
Blank (BK51435-BLK1) Blank									Prepared & Analyzed: 11/23/2025		
Mercury	ND	0.0002	mg/L								
LCS (BK51435-BS1) LCS									Prepared & Analyzed: 11/23/2025		
Mercury	0.0019548	0.0002	mg/L	0.00200		97.7	80-120				
Batch BK51460 - EPA 3015A											
Blank (BK51460-BLK1) Blank									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00667	"								
Magnesium	ND	0.0667	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	1.11	"								
Selenium	ND	0.0278	"								
Silver	ND	0.00667	"								
Sodium	ND	1.11	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BK51460-BS1) LCS									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	1.94		ug/mL	2.00		97.1	80-120				
Barium	1.96		"	2.00		98.1	80-120				
Calcium	0.959		"	1.00		95.9	80-120				
Chromium	0.192		"	0.200		96.0	80-120				
Cobalt	0.494		"	0.500		98.7	80-120				
Copper	0.249		"	0.250		99.4	80-120				
Iron	0.932		"	1.00		93.2	80-120				
Lead	0.484		"	0.500		96.9	80-120				
Magnesium	0.973		"	1.00		97.3	80-120				
Manganese	0.490		"	0.500		97.9	80-120				
Nickel	0.491		"	0.500		98.2	80-120				
Potassium	0.997		"	1.00		99.7	80-120				
Selenium	1.81		"	2.00		90.3	80-120				
Silver	0.0463		"	0.0500		92.6	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.477		"	0.500		95.4	80-120				
Zinc	0.466		"	0.500		93.1	80-120				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51627 - EPA 3015A											
Blank (BK51627-BLK1) Blank											Prepared: 11/26/2025 Analyzed: 12/01/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Thallium	ND	1.11	"								

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51436 - EPA SW846-7470A											
Blank (BK51436-BLK1) Blank									Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BK51436-BS1) LCS									Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		101	80-120				
Batch BK51464 - EPA 3015A											
Blank (BK51464-BLK1) Blank									Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	ND	0.556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00667	"								
Magnesium - Dissolved	ND	0.0667	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	1.11	"								
Selenium - Dissolved	ND	0.0278	"								
Silver - Dissolved	ND	0.00667	"								
Sodium - Dissolved	ND	1.11	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BK51464-BS1) LCS									Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	1.96		ug/mL	2.00		98.1	80-120				
Barium - Dissolved	1.98		"	2.00		99.1	80-120				
Calcium - Dissolved	1.00		"	1.00		100	80-120				
Chromium - Dissolved	0.199		"	0.200		99.7	80-120				
Cobalt - Dissolved	0.494		"	0.500		98.7	80-120				
Copper - Dissolved	0.248		"	0.250		99.3	80-120				
Iron - Dissolved	0.915		"	1.00		91.5	80-120				
Lead - Dissolved	0.496		"	0.500		99.1	80-120				
Magnesium - Dissolved	1.00		"	1.00		100	80-120				
Manganese - Dissolved	0.495		"	0.500		99.0	80-120				
Nickel - Dissolved	0.496		"	0.500		99.3	80-120				
Potassium - Dissolved	1.03		"	1.00		103	80-120				
Selenium - Dissolved	1.88		"	2.00		94.0	80-120				
Silver - Dissolved	0.0460		"	0.0500		92.0	80-120				
Sodium - Dissolved	1.05		"	1.00		105	80-120				
Vanadium - Dissolved	0.481		"	0.500		96.2	80-120				
Zinc - Dissolved	0.478		"	0.500		95.7	80-120				

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51520 - EPA 3015A											
Blank (BK51520-BLK1) Blank										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BK51520-BS1) LCS										Prepared: 11/24/2025 Analyzed: 11/26/2025	
Antimony - Dissolved	49.0		ug/L	50.0		98.0	80-120				
Arsenic - Dissolved	48.4		"	50.0		96.9	80-120				
Beryllium - Dissolved	49.1		"	50.0		98.3	80-120				
Cadmium - Dissolved	48.3		"	50.0		96.6	80-120				
Thallium - Dissolved	47.9		"	50.0		95.7	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51406 - Analysis Preparation												
Blank (BK51406-BLK1)	Blank								Prepared & Analyzed: 11/21/2025			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BK51406-BS1)	LCS								Prepared & Analyzed: 11/21/2025			
Chromium, Hexavalent		0.500	0.0100	mg/L	0.500		100	85-115				
Duplicate (BK51406-DUP1)	Duplicate	*Source sample: 25K1151-01 (MW-11_11212025)							Prepared & Analyzed: 11/21/2025			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BK51406-MS1)	Matrix Spike	*Source sample: 25K1151-01 (MW-11_11212025)							Prepared & Analyzed: 11/21/2025			
Chromium, Hexavalent		0.524	0.0100	mg/L	0.500	ND	105	85-115				
Matrix Spike Dup (BK51406-I	Matrix Spike Dup	*Source sample: 25K1151-01 (MW-11_11212025)							Prepared & Analyzed: 11/21/2025			
Chromium, Hexavalent		0.546	0.0100	mg/L	0.500	ND	109	85-115		4.15	200	
Batch BK51501 - Analysis Preparation												
Blank (BK51501-BLK1)	Blank								Prepared & Analyzed: 11/24/2025			
Cyanide, total		ND	0.0100	mg/L								
LCS (BK51501-BS1)	LCS								Prepared & Analyzed: 11/24/2025			
Cyanide, total		0.0928	0.0100	mg/L	0.100		92.8	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K1151-01	MW-11_11212025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1151-03	GWTB01_11212025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

ALS Environmental — USA

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

ALS Project Number: 25K1151

Page 1 of 1

Report To:	Invoice To:
Company: Langan	Company:
Address: 300 4th Ave Floor 8 NY NY 10001	Address: SAME
Phone.:	Phone.:
Contact: Stuart Knapp	Contact:
E-mail: sknapp@langan.com	E-mail:

YOUR Project Name / Number: 1250 Willoughby Ave 170794301

PO Number: see PO specific Quote

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs / Pesticides / Herbicides	TAL Metals (hex/tri chromium by 6010D)	Cyanide	PFAS	1,4-Dioxane						Grab or Comp.
MW-11-11212025	11/21/25	0853	GW											X	X	X	X	X	X	X						G/C
GWFB02-11212025 ~~DUP~~	↑	0830	AQ																X							
GWTB01-11212025	↑	~~0830~~ —	AQ											X												

Report Type (circle): QA Report; Summary (Results Only); ~~NY ASP B Package~~; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); ~~NYSDEC EQuIS~~; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Comments: cc tgoodnough@langan.com

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel Winslow/Langan	11/21/25 1005		11-21-25 10:11am		11-21-25 15:50
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	11-21-25 15:50		11-21-25		11/21/25 17:05
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	11/21/25				11/21/25 19:40 5.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 12/11/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K1129

Report Date: 12/11/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K1129

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 20, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K1129-01	MW-10_11202025	Ground Water	11/20/2025	11/20/2025
25K1129-02	MW-13_11202025	Ground Water	11/20/2025	11/20/2025
25K1129-03	MW-15_11202025	Ground Water	11/20/2025	11/20/2025
25K1129-04	GWDUP01_11202025	Ground Water	11/20/2025	11/20/2025
25K1129-05	GWFB01_11202025	Ground Water	11/20/2025	11/20/2025
25K1129-06	GWTB01_11202025	Water	11/19/2025	11/20/2025

General Notes for York Project (SDG) No.: 25K1129

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Cassie Mosher
Laboratory Manager - Stratford

Samantha Henningsen
Laboratory Director - Queens

Date: 12/11/2025

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	**Acetone**	**1.46**	J	ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**1.83**		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	**cis-1,2-Dichloroethylene**	**2.76**		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	**Dichlorodifluoromethane**	**0.750**	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	**Tetrachloroethylene**	**75.5**	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	**Trichloroethylene**	**0.630**		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 07:13	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:05	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.1 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.4 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.5 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.4 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM	11/25/2025 08:58	11/26/2025 18:11	ak
								Certifications: NJDEP-CT005,NYSDOH-NY10854			
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*			*36.6-118*						

Semi-Volatiles, 8270 (SIM)

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:02	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.14**		ng/L	0.793	1.80	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.57**		ng/L	0.366	2.03	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**7.65**		ng/L	0.711	2.03	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**6.70**		ng/L	0.904	1.86	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**30.2**		ng/L	0.803	2.03	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**11.7**		ng/L	0.772	1.89	1	EPA 1633A	12/01/2025 12:33	12/10/2025 12:21	KLH
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.01	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.579	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.722	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.610	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.22	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.61	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
2355-31-9	N-MeFOSAA	ND		ng/L	0.508	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
2991-50-6	N-EtFOSAA	ND		ng/L	1.07	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**8.60**		ng/L	0.904	4.07	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.376	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
375-92-8	**Perfluoro-1-heptanesulfonic acid (PFHpS)**	**0.420**	J	ng/L	0.315	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.630	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.36	7.72	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.29	7.80	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**8.18**		ng/L	1.66	8.13	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.508	3.62	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.05	4.07	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.711	4.07	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.42	4.07	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.37**	J	ng/L	0.762	1.91	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.87	7.62	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	8.13	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.27	7.68	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
756426-58-1	9CL-PF3ONS	ND		ng/L	2.79	7.60	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
919005-14-4	ADONA	ND		ng/L	3.02	7.68	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.904	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.762	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.40	10.2	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.84	50.8	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.4	50.8	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
24448-09-7	N-MeFOSE	ND		ng/L	7.22	20.3	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
31506-32-8	N-MeFOSA	ND		ng/L	0.722	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
1691-99-2	N-EtFOSE	ND		ng/L	7.40	20.3	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH
4151-50-2	N-EtFOSA	ND		ng/L	1.07	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 12:21	KLH

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*	PFSu-H	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*125 %*		*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*124 %*		*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*131 %*	PFSu-H	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*101 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.8 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*129 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*122 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*132 %*	PFSu-H	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*121 %*		*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*		*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*		*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*155 %*		*40-200*

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*149 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*119 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*86.6 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.6 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*84.0 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*94.9 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/21/2025 08:52	11/21/2025 21:53	RJ
								Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*10.4 %*	S-GC, S-08	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.2 %*		*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:00	NF
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-120*

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:17	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:17	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:17	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*120 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.0521**		mg/L	0.00333	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**104**		mg/L	0.163	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.00100**		mg/L	0.000493	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	Iron	ND		mg/L	0.0487	0.278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**21.1**		mg/L	0.0610	0.0667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.216**		mg/L	0.00136	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**9.75**		mg/L	0.741	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-23-5	**Sodium**	**58.7**		mg/L	0.970	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:10	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:06	cw
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-38-2	**Arsenic**	**1.20**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:06	cw
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:06	cw
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:06	cw
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-28-0	**Thallium**	**1.93**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:06	cw
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:27	11/23/2025 08:27	DBT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			
7440-39-3	**Barium**	**0.0531**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444			

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**98.3**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.000889**		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**0.0899**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**20.2**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.212**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**9.04**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**56.2**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:33	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:37	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:37	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:37	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:37	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-10_11202025 **York Sample ID:** 25K1129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 8:55 am	11/20/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:37	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/21/2025 14:41	11/21/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/20/2025 22:03	11/20/2025 22:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/26/2025 00:05	11/26/2025 00:11	AA
							Certifications:			

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**2.24**		ug/L	0.243	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	**cis-1,2-Dichloroethylene**	**2.22**		ug/L	0.294	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**4.12**	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	**Tetrachloroethylene**	**39.1**	CCVE, ICVE, QL-02	ug/L	2.39	5.00	10	EPA 8260D	11/26/2025 17:24	12/01/2025 12:29	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	**Trichloroethylene**	**1.42**		ug/L	0.249	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/26/2025 17:24	11/26/2025 19:35	PD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 12:39	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.3 %*	*30.7-106*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM	11/25/2025 08:58	11/26/2025 18:28	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 13:33	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.75**		ng/L	0.816	1.85	1	EPA 1633A	12/01/2025 12:33	12/10/2025 13:33	KLH
								Certifications: NYSDOH-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**10.4**		ng/L	0.377	2.09	1	EPA 1633A	12/01/2025 12:33	12/10/2025 13:33	KLH
								Certifications: NYSDOH-NY12058			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**7.27**		ng/L	0.732	2.09	1	EPA 1633A	12/01/2025 12:33	12/10/2025 13:33	KLH
								Certifications: NYSDOH-NY12058			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**5.10**		ng/L	0.931	1.91	1	EPA 1633A	12/01/2025 12:33	12/10/2025 13:33	KLH
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	**Perfluorooctanoic acid (PFOA)**	**26.9**		ng/L	0.826	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.77**		ng/L	0.795	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.04	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.596	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.743	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.628	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.26	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.65	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
2355-31-9	N-MeFOSAA	ND		ng/L	0.523	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
2991-50-6	N-EtFOSAA	ND		ng/L	1.10	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**13.0**		ng/L	0.931	4.18	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.387	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.324	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.649	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.43	7.95	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.35	8.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**7.03**	J	ng/L	1.71	8.37	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.523	3.72	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.14	4.18	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.732	4.18	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.46	4.18	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.17**	J	ng/L	0.785	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.95	7.85	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.28	8.37	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.33	7.91	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
756426-58-1	9CL-PF3ONS	ND		ng/L	2.88	7.82	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
919005-14-4	ADONA	ND		ng/L	3.11	7.91	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.931	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.785	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.47	10.5	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.04	52.3	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	24.1	52.3	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
24448-09-7	N-MeFOSE	ND		ng/L	7.43	20.9	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
31506-32-8	N-MeFOSA	ND		ng/L	0.743	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
1691-99-2	N-EtFOSE	ND		ng/L	7.62	20.9	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH
4151-50-2	N-EtFOSA	ND		ng/L	1.10	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	12/01/2025 12:33	12/10/2025 13:33	KLH

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*137 %*	PFSu-H	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*126 %*		*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*		*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*128 %*		*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*121 %*		*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*114 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*103 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*100 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*123 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*121 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*135 %*	PFSu-H	*40-130*

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*120 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*122 %*			*40-170*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-135*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*151 %*			*40-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*157 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*151 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*90.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*84.1 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*98.5 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/21/2025 08:52	11/21/2025 22:09	RJ
								Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*13.9 %*	S-GC, S-08	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.7 %*		*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:14	NF
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:24	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:24	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:24	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*125 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.111**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**77.5**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.00133**		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.210**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**27.0**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.0267**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**2.70**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**105**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	**Vanadium**	**0.00167**		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:34	11/25/2025 20:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:09	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:09	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:09	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:09	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	**Thallium**	**1.52**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:09	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:27	11/23/2025 08:27	DBT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.120**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**82.7**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.00144**		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**0.185**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**28.1**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.0308**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**2.64**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**103**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:35	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-13_11202025 **York Sample ID:** 25K1129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:05 pm	11/20/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:40	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/21/2025 14:41	11/21/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/20/2025 22:03	11/20/2025 22:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/26/2025 00:05	11/26/2025 00:11	AA
							Certifications:			

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	**Acetone**	**1.50**	J	ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**0.350**	J	ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:42	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:13	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.3 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.8 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.1 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.1 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.5 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM	11/25/2025 08:58	11/26/2025 18:46	ak
								Certifications: NJDEP-CT005,NYSDOH-NY10854			
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*			*36.6-118*						

Semi-Volatiles, 8270 (SIM)

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	**Fluoranthene**	**0.0579**		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	**Pyrene**	**0.106**		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:04	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.76**		ng/L	0.809	1.84	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**15.9**		ng/L	0.373	2.07	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**8.69**		ng/L	0.726	2.07	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**7.49**		ng/L	0.923	1.90	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**25.0**		ng/L	0.820	2.07	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**11.2**		ng/L	0.788	1.93	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:12	AM
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.03	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.591	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.737	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.622	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.24	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.64	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.519	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**20.1**		ng/L	0.923	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.384	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.322	1.98	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.643	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.41	7.88	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.33	7.97	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**8.66**		ng/L	1.69	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.519	3.69	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.11	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.726	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.45	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.778	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.93	7.78	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.26	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND	PF-CCV-L	ng/L	2.31	7.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
756426-58-1	9CL-PF3ONS	ND	PF-CCV-L	ng/L	2.85	7.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
919005-14-4	ADONA	ND		ng/L	3.08	7.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.923	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.778	1.99	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.45	10.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.98	51.9	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.9	51.9	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.37	20.7	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
31506-32-8	N-MeFOSA	ND		ng/L	0.737	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.55	20.7	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.09	2.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:12	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*153 %*	PFSu-H	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*129 %*		*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*138 %*	PFSu-H	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*130 %*		*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*		*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*84.7 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.4 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*126 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*119 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*141 %*	PFSu-H	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*		*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*91.8 %*		*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.9 %*		*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*		*40-200*

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*116 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*161 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.9 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*86.7 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*97.0 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:26	RJ
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:28	NF
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*	*30-120*

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:30	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:30	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:30	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*114 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.0979**		mg/L	0.00333	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**78.7**		mg/L	0.163	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.000556**		mg/L	0.000493	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	Iron	ND		mg/L	0.0487	0.278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**14.4**		mg/L	0.0610	0.0667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.856**		mg/L	0.00136	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**6.53**		mg/L	0.741	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**146**		mg/L	0.970	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:12	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:23	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:23	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:23	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:23	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	**Thallium**	**1.24**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:23	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:27	11/23/2025 08:27	DBT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.0982**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**75.7**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	Chromium	ND		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**0.0599**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**14.0**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.838**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**6.04**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**142**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:50	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:54	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:54	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:54	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:54	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: MW-15_11202025 **York Sample ID:** 25K1129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:20 am	11/20/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 19:54	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/21/2025 14:41	11/21/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/20/2025 22:03	11/20/2025 22:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/26/2025 00:05	11/26/2025 00:11	AA
							Certifications:			

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**1.96**		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	**cis-1,2-Dichloroethylene**	**1.70**		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	**Dichlorodifluoromethane**	**3.17**	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	**Tetrachloroethylene**	**53.5**	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	**Trichloroethylene**	**1.14**		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 06:10	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 13:47	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.0 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.9 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.0 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.8 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.8 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NYSDOH-NY10854	11/25/2025 08:58	11/26/2025 19:04	ak

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications:	11/23/2025 09:51	11/24/2025 14:34	SR
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM Certifications:	11/23/2025 09:51	11/24/2025 14:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM Certifications:	11/23/2025 09:51	11/24/2025 14:34	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	11/23/2025 09:51	11/24/2025 14:34	SR

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 14:34	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.56**		ng/L	0.818	1.86	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.92**		ng/L	0.377	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**6.35**		ng/L	0.734	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**4.50**		ng/L	0.933	1.92	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**26.5**		ng/L	0.828	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.19**		ng/L	0.797	1.95	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:26	AM
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.04	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.597	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.744	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.629	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.26	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.66	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.524	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.10	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**11.9**		ng/L	0.933	4.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.388	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.325	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.650	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.43	7.97	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.36	8.05	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**4.55**	J	ng/L	1.71	8.39	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.524	3.73	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.14	4.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.734	4.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.47	4.19	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.786	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.96	7.86	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.29	8.39	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND	PF-CCV-L	ng/L	2.34	7.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
756426-58-1	9CL-PF3ONS	ND	PF-CCV-L	ng/L	2.88	7.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
919005-14-4	ADONA	ND		ng/L	3.11	7.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.933	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.786	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.47	10.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.05	52.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	24.2	52.4	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.44	21.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
31506-32-8	N-MeFOSA	ND		ng/L	0.744	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.63	21.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.10	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*141 %*	PFSu-H	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*125 %*		*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*124 %*		*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*107 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*105 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*118 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*117 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*140 %*	PFSu-H	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*131 %*	PFSu-H	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.3 %*		*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*		*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*		*40-200*

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*89.8 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*123 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.6 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*98.5 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*105 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:41	RJ
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:41	NF
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:36	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:36	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:36	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*131 %*	*30-150*

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.121**		mg/L	0.00333	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**86.4**		mg/L	0.163	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.00178**		mg/L	0.000493	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**0.251**		mg/L	0.0487	0.278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**29.3**		mg/L	0.0610	0.0667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.0331**		mg/L	0.00136	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3.06**		mg/L	0.741	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**106**		mg/L	0.970	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:13	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:27	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:27	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:27	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:27	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	**Thallium**	**1.22**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:27	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:27	11/23/2025 08:27	DBT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	**Barium**	**0.120**		mg/L	0.00333	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**82.8**		mg/L	0.163	0.556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	**Chromium**	**0.00189**		mg/L	0.000493	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	**Iron**	**0.308**		mg/L	0.0487	0.278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	**Magnesium**	**28.2**		mg/L	0.0610	0.0667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	**Manganese**	**0.0372**		mg/L	0.00136	0.00556	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	**Potassium**	**2.76**		mg/L	0.741	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	**Sodium**	**103**		mg/L	0.970	1.11	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/24/2025 08:40	11/26/2025 10:52	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:05	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:05	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:05	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:05	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWDUP01_11202025 **York Sample ID:** 25K1129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 2:35 pm	11/20/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:49	11/25/2025 20:05	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/21/2025 14:41	11/21/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Hexavalent Chromium-7196

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/20/2025 22:03	11/20/2025 22:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/26/2025 00:05	11/26/2025 00:11	AA
							Certifications:			

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	**Chloroform**	**16.8**		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 04:35	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0444		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	11/22/2025 00:49	11/24/2025 14:20	SS
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.2 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.5 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.1 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.1 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.9 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*			*30.7-106*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.200	0.300	1	EPA 8270E SIM	11/25/2025 08:58	11/26/2025 19:21	ak
								Certifications: NJDEP-CT005,NYSDOH-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
87-86-5	* Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications:			
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E SIM	11/23/2025 09:51	11/24/2025 15:05	SR
								Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.819	1.86	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.378	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.735	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.935	1.92	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.830	2.10	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.798	1.95	1	EPA 1633A	11/21/2025 12:33	11/23/2025 05:41	AM
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.04	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.599	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.746	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.630	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.26	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.66	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.525	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.10	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.935	4.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.389	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.326	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.651	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.44	7.98	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.36	8.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.71	8.40	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.525	3.74	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.15	4.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.735	4.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.47	4.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.788	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.96	7.88	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.30	8.40	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	11CL-PF3OUdS	ND	PF-CCV-L	ng/L	2.34	7.94	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
756426-58-1	9CL-PF3ONS	ND	PF-CCV-L	ng/L	2.89	7.86	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
919005-14-4	ADONA	ND		ng/L	3.12	7.94	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.935	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.788	2.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.48	10.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.07	52.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	24.2	52.5	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.46	21.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
31506-32-8	N-MeFOSA	ND		ng/L	0.746	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.65	21.0	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.10	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	11/21/2025 12:33	11/23/2025 05:41	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*153 %*	PFSu-H	*40-135*
2328025-54-8	*Surrogate: M5PFHxA*	*132 %*	PFSu-H	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*143 %*	PFSu-H	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*128 %*		*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*130 %*	PFSu-H	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*		*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*118 %*		*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*99.9 %*		*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*129 %*		*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*129 %*		*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*147 %*	PFSu-H	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*135 %*	PFSu-H	*40-130*

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*			*40-170*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*			*25-135*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*40-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*			*40-300*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*134 %*			*40-200*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*89.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*133 %*	PFSu-H		*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*98.2 %*			*10-130*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*108 %*			*10-130*						

Pesticides, 8081 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
57-74-9	* Chlordane, total	ND		ug/L	0.200	0.200	1	EPA 8081B	11/21/2025 08:52	11/22/2025 09:57	RJ
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	11/21/2025 08:59	11/21/2025 23:55	NF
								Certifications:			

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:42	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:42	gxb
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A	11/25/2025 08:53	11/25/2025 17:42	gxb
								Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*129 %*	*30-150*

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/23/2025 08:23	11/23/2025 08:23	DBT
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1085		

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.134	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-39-3	Barium	ND		mg/L	0.00333	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-70-2	**Calcium**	**0.244**		mg/L	0.163	0.556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-47-3	Chromium	ND		mg/L	0.000493	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-48-4	Cobalt	ND		mg/L	0.00234	0.00444	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-50-8	Copper	ND		mg/L	0.00580	0.0222	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-89-6	Iron	ND		mg/L	0.0487	0.278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00658	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-95-4	Magnesium	ND		mg/L	0.0610	0.0667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7439-96-5	Manganese	ND		mg/L	0.00136	0.00556	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-02-0	Nickel	ND		mg/L	0.00396	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-09-7	Potassium	ND		mg/L	0.741	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7782-49-2	* Selenium	ND		mg/L	0.00753	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00570	0.00667	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-23-5	Sodium	ND		mg/L	0.970	1.11	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-62-2	Vanadium	ND		mg/L	0.00106	0.0111	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-66-6	Zinc	ND		mg/L	0.0123	0.0278	1	EPA 6010D	11/22/2025 10:26	11/23/2025 13:15	JWT
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:30	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-38-2	Arsenic	ND		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:30	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-41-7	Beryllium	ND		ug/L	0.333	0.333	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:30	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-43-9	Cadmium	ND		ug/L	0.556	0.556	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:30	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		
7440-28-0	**Thallium**	**1.97**		ug/L	1.11	1.11	1	EPA 6020B	11/24/2025 17:43	11/25/2025 18:30	cw
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0444		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C-2016 / E-2016	11/21/2025 14:41	11/21/2025 23:00	JS
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Sample Information

Client Sample ID: GWFB01_11202025 **York Sample ID:** 25K1129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Ground Water	November 20, 2025 11:00 am	11/20/2025

Hexavalent Chromium-7196

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	0.0100	1	EPA 7196A	11/20/2025 22:03	11/20/2025 22:10	SML
								Certifications:	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0444		

Trivalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	11/26/2025 00:05	11/26/2025 00:11	AA
							Certifications:			

Sample Information

Client Sample ID: GWTB01_11202025 **York Sample ID:** 25K1129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Water	November 19, 2025 12:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWTB01_11202025 **York Sample ID:** 25K1129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Water	November 19, 2025 12:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWTB01_11202025 **York Sample ID:** 25K1129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Water	November 19, 2025 12:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.442	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

Sample Information

Client Sample ID: GWTB01_11202025 **York Sample ID:** 25K1129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K1129	170794301	Water	November 19, 2025 12:00 am	11/20/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/22/2025 11:01	11/23/2025 00:53	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT0		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*79-122*

Analytical Batch Summary

Batch ID: BK51322 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/20/25
25K1129-02	MW-13_11202025	11/20/25
25K1129-03	MW-15_11202025	11/20/25
25K1129-04	GWDUP01_11202025	11/20/25
25K1129-05	GWFB01_11202025	11/20/25
BK51322-BLK1	Blank	11/20/25
BK51322-BS1	LCS	11/20/25
BK51322-DUP1	Duplicate	11/20/25
BK51322-MS1	Matrix Spike	11/20/25
BK51322-MSD1	Matrix Spike Dup	11/20/25

Batch ID: BK51360 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/21/25
25K1129-02	MW-13_11202025	11/21/25
25K1129-03	MW-15_11202025	11/21/25
25K1129-04	GWDUP01_11202025	11/21/25
25K1129-05	GWFB01_11202025	11/21/25
BK51360-BLK1	Blank	11/21/25
BK51360-BS1	LCS	11/21/25
BK51360-MS1	Matrix Spike	11/21/25
BK51360-MSD1	Matrix Spike Dup	11/21/25

Batch ID: BK51361 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/21/25
25K1129-02	MW-13_11202025	11/21/25
25K1129-03	MW-15_11202025	11/21/25
25K1129-04	GWDUP01_11202025	11/21/25
25K1129-05	GWFB01_11202025	11/21/25
BK51361-BLK2	Blank	11/21/25
BK51361-BS2	LCS	11/21/25
BK51361-MS2	Matrix Spike	11/21/25
BK51361-MSD2	Matrix Spike Dup	11/21/25

Batch ID: BK51376 **Preparation Method** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/21/25
25K1129-02	MW-13_11202025	11/21/25
25K1129-03	MW-15_11202025	11/21/25
25K1129-04	GWDUP01_11202025	11/21/25

25K1129-05	GWFB01_11202025	11/21/25
BK51376-BLK1	Blank	11/21/25
BK51376-BS1	LCS	11/21/25
BK51376-BS2	LCS	11/21/25
BK51376-MS1	Matrix Spike	11/21/25
BK51376-MSD1	Matrix Spike Dup	11/21/25

Batch ID: BK51383 **Preparation Method** Analysis Preparation **Prepared By:** JS

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/21/25
25K1129-02	MW-13_11202025	11/21/25
25K1129-03	MW-15_11202025	11/21/25
25K1129-04	GWDUP01_11202025	11/21/25
25K1129-05	GWFB01_11202025	11/21/25
BK51383-BLK1	Blank	11/21/25
BK51383-BS1	LCS	11/21/25
BK51383-DUP1	Duplicate	11/21/25
BK51383-MS1	Matrix Spike	11/21/25
BK51383-MSD1	Matrix Spike Dup	11/21/25

Batch ID: BK51418 **Preparation Method** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/22/25
25K1129-02	MW-13_11202025	11/22/25
25K1129-03	MW-15_11202025	11/22/25
25K1129-04	GWDUP01_11202025	11/22/25
25K1129-05	GWFB01_11202025	11/22/25
BK51418-BLK1	Blank	11/22/25
BK51418-BS1	LCS	11/22/25
BK51418-BSD1	LCS Dup	11/22/25
BK51418-MS1	Matrix Spike	11/22/25
BK51418-MSD1	Matrix Spike Dup	11/22/25

Batch ID: BK51419 **Preparation Method** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/23/25
25K1129-02	MW-13_11202025	11/23/25
25K1129-03	MW-15_11202025	11/23/25
25K1129-04	GWDUP01_11202025	11/23/25
25K1129-05	GWFB01_11202025	11/23/25
BK51419-BLK2	Blank	11/22/25
BK51419-BS2	LCS	11/22/25

Batch ID: BK51428 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date

25K1129-01	MW-10_11202025	11/22/25
25K1129-03	MW-15_11202025	11/22/25
25K1129-04	GWDUP01_11202025	11/22/25
25K1129-05	GWFB01_11202025	11/22/25
BK51428-BLK1	Blank	11/22/25
BK51428-BS1	LCS	11/22/25

Batch ID: BK51431 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/22/25
25K1129-03	MW-15_11202025	11/22/25
25K1129-04	GWDUP01_11202025	11/22/25
25K1129-05	GWFB01_11202025	11/22/25
25K1129-06	GWTB01_11202025	11/22/25
BK51431-BLK1	Blank	11/22/25
BK51431-BS1	LCS	11/22/25

Batch ID: BK51435 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/23/25
25K1129-02	MW-13_11202025	11/23/25
25K1129-03	MW-15_11202025	11/23/25
25K1129-04	GWDUP01_11202025	11/23/25
25K1129-05	GWFB01_11202025	11/23/25
BK51435-BLK1	Blank	11/23/25
BK51435-BS1	LCS	11/23/25
BK51435-DUP1	Duplicate	11/23/25
BK51435-MS1	Matrix Spike	11/23/25
BK51435-MSD1	Matrix Spike Dup	11/23/25

Batch ID: BK51436 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/23/25
25K1129-02	MW-13_11202025	11/23/25
25K1129-03	MW-15_11202025	11/23/25
25K1129-04	GWDUP01_11202025	11/23/25
BK51436-BLK1	Blank	11/23/25
BK51436-BS1	LCS	11/23/25
BK51436-DUP1	Duplicate	11/23/25
BK51436-MS1	Matrix Spike	11/23/25
BK51436-MSD1	Matrix Spike Dup	11/23/25

Batch ID: BK51460 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-02	MW-13_11202025	11/24/25

BK51460-BLK1	Blank	11/24/25
BK51460-BS1	LCS	11/24/25
BK51460-DUP1	Duplicate	11/24/25
BK51460-MS1	Matrix Spike	11/24/25
BK51460-PS1	Post Spike	11/24/25

Batch ID: BK51464 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/24/25
25K1129-02	MW-13_11202025	11/24/25
25K1129-03	MW-15_11202025	11/24/25
25K1129-04	GWDUP01_11202025	11/24/25
BK51464-BLK1	Blank	11/24/25
BK51464-BS1	LCS	11/24/25
BK51464-DUP1	Duplicate	11/24/25
BK51464-MS1	Matrix Spike	11/24/25
BK51464-PS1	Post Spike	11/24/25

Batch ID: BK51519 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/24/25
25K1129-02	MW-13_11202025	11/24/25
25K1129-03	MW-15_11202025	11/24/25
25K1129-04	GWDUP01_11202025	11/24/25
25K1129-05	GWFB01_11202025	11/24/25
BK51519-BLK1	Blank	11/24/25
BK51519-BS1	LCS	11/24/25
BK51519-DUP2	Duplicate	11/24/25
BK51519-MS2	Matrix Spike	11/24/25

Batch ID: BK51520 **Preparation Method** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/24/25
25K1129-02	MW-13_11202025	11/24/25
25K1129-03	MW-15_11202025	11/24/25
25K1129-04	GWDUP01_11202025	11/24/25
BK51520-BLK1	Blank	11/24/25
BK51520-BS1	LCS	11/24/25
BK51520-DUP1	Duplicate	11/24/25
BK51520-MS1	Matrix Spike	11/24/25

Batch ID: BK51551 **Preparation Method** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/25/25
25K1129-02	MW-13_11202025	11/25/25

25K1129-03	MW-15_11202025	11/25/25
25K1129-04	GWDUP01_11202025	11/25/25
25K1129-05	GWFB01_11202025	11/25/25
BK51551-BLK1	Blank	11/25/25
BK51551-BS1	LCS	11/25/25
BK51551-MS1	Matrix Spike	11/25/25
BK51551-MSD1	Matrix Spike Dup	11/25/25

Batch ID: BK51552 **Preparation Method** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/25/25
25K1129-02	MW-13_11202025	11/25/25
25K1129-03	MW-15_11202025	11/25/25
25K1129-04	GWDUP01_11202025	11/25/25
25K1129-05	GWFB01_11202025	11/25/25
BK51552-BLK1	Blank	11/25/25
BK51552-BS1	LCS	11/25/25
BK51552-MS2	Matrix Spike	11/25/25
BK51552-MSD2	Matrix Spike Dup	11/25/25

Batch ID: BK51603 **Preparation Method** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01	MW-10_11202025	11/26/25
25K1129-02	MW-13_11202025	11/26/25
25K1129-03	MW-15_11202025	11/26/25
25K1129-04	GWDUP01_11202025	11/26/25
25K1129-05	GWFB01_11202025	11/26/25

Batch ID: BK51675 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-02	MW-13_11202025	11/26/25
BK51675-BLK1	Blank	11/26/25
BK51675-BS1	LCS	11/26/25
BK51675-BSD1	LCS Dup	11/26/25
BK51675-MS1	Matrix Spike	11/26/25
BK51675-MSD1	Matrix Spike Dup	11/26/25

Batch ID: BL50040 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-02RE1	MW-13_11202025	11/26/25
BL50040-BLK1	Blank	12/01/25
BL50040-BS1	LCS	12/01/25
BL50040-BSD1	LCS Dup	12/01/25
BL50040-MS1	Matrix Spike	12/01/25
BL50040-MSD1	Matrix Spike Dup	12/01/25

Batch ID: BL50056 **Preparation Method** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25K1129-01RE1	MW-10_11202025	12/01/25
25K1129-02RE1	MW-13_11202025	12/01/25
25K1129-03RE1	MW-15_11202025	12/01/25
25K1129-04RE1	GWDUP01_11202025	12/01/25
BL50056-BLK1	Blank	12/01/25
BL50056-BLK2	Blank	12/01/25
BL50056-BS1	LCS	12/01/25
BL50056-BS2	LCS	12/01/25
BL50056-BS3	LCS	12/01/25
BL50056-BS4	LCS	12/01/25
BL50056-MS3	Matrix Spike	12/01/25
BL50056-MSD3	Matrix Spike Dup	12/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
Blank (BK51431-BLK1) Blank											Prepared: 11/22/2025 Analyzed: 11/23/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.270	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
Blank (BK51431-BLK1) Blank										Prepared: 11/22/2025 Analyzed: 11/23/2025	
Naphthalene	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.60*		*"*	*10.0*		*96.0*	*79-122*				
LCS (BK51431-BS1) LCS										Prepared & Analyzed: 11/22/2025	
1,1,1,2-Tetrachloroethane	8.99		ug/L	10.0		89.9	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	54-165				
1,1,2-Trichloroethane	9.15		"	10.0		91.5	82-123				
1,1-Dichloroethane	9.52		"	10.0		95.2	82-129				
1,1-Dichloroethylene	9.93		"	10.0		99.3	68-138				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	76-136				
1,2,3-Trichloropropane	9.25		"	10.0		92.5	77-128				
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	76-137				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	82-132				
1,2-Dibromo-3-chloropropane	8.12		"	10.0		81.2	45-147				
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124				
1,2-Dichlorobenzene	9.71		"	10.0		97.1	79-123				
1,2-Dichloroethane	9.31		"	10.0		93.1	73-132				
1,2-Dichloropropane	8.80		"	10.0		88.0	78-126				
1,3,5-Trimethylbenzene	9.77		"	10.0		97.7	80-131				
1,3-Dichlorobenzene	9.50		"	10.0		95.0	86-122				
1,3-Dichloropropane	9.24		"	10.0		92.4	81-125				
1,4-Dichlorobenzene	9.58		"	10.0		95.8	85-124				
2-Butanone	9.62		"	10.0		96.2	49-152				
2-Hexanone	8.16		"	10.0		81.6	51-146				
4-Methyl-2-pentanone	8.25		"	10.0		82.5	57-145				
Acetone	8.52		"	10.0		85.2	14-150				
Acrolein	18.4		"	40.0		45.9	10-153				
Acrylonitrile	9.95		"	10.0		99.5	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51431 - EPA 5030B											
LCS (BK51431-BS1) LCS							Prepared & Analyzed: 11/22/2025				
Benzene	9.65		ug/L	10.0		96.5	85-126				
Bromochloromethane	8.36		"	10.0		83.6	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.52		"	10.0		75.2	78-133	Low Bias			
Bromomethane	4.39		"	10.0		43.9	43-168				
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	9.59		"	10.0		95.9	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	9.57		"	10.0		95.7	82-128				
Chloromethane	6.44		"	10.0		64.4	43-155				
cis-1,2-Dichloroethylene	9.35		"	10.0		93.5	83-129				
cis-1,3-Dichloropropylene	8.05		"	10.0		80.5	80-131				
Cyclohexane	12.4		"	10.0		124	63-149				
Dibromochloromethane	8.61		"	10.0		86.1	80-130				
Dibromomethane	9.39		"	10.0		93.9	72-134				
Dichlorodifluoromethane	7.49		"	10.0		74.9	44-144				
Ethyl Benzene	9.93		"	10.0		99.3	80-131				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				
Isopropylbenzene	9.93		"	10.0		99.3	76-140				
Methyl acetate	7.04		"	10.0		70.4	51-139				
Methyl tert-butyl ether (MTBE)	9.12		"	10.0		91.2	76-135				
Methylcyclohexane	11.3		"	10.0		113	72-143				
Methylene chloride	8.13		"	10.0		81.3	55-137				
Naphthalene	9.22		"	10.0		92.2	70-147				
n-Butylbenzene	9.60		"	10.0		96.0	79-132				
n-Propylbenzene	9.65		"	10.0		96.5	78-133				
o-Xylene	9.57		"	10.0		95.7	78-130				
p- & m- Xylenes	19.9		"	20.0		99.4	77-133				
p-Diethylbenzene	9.29		"	10.0		92.9	84-134				
p-Ethyltoluene	9.49		"	10.0		94.9	88-129				
p-Isopropyltoluene	9.71		"	10.0		97.1	81-136				
sec-Butylbenzene	9.82		"	10.0		98.2	79-137				
Styrene	9.00		"	10.0		90.0	67-132				
tert-Butyl alcohol (TBA)	38.4		"	50.0		76.7	25-162				
tert-Butylbenzene	9.73		"	10.0		97.3	77-138				
Tetrachloroethylene	5.79		"	10.0		57.9	82-131	Low Bias			
Toluene	9.87		"	10.0		98.7	80-127				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	80-132				
trans-1,3-Dichloropropylene	7.92		"	10.0		79.2	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	8.13		"	10.0		81.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
Blank (BK51675-BLK1) Blank										Prepared & Analyzed: 11/26/2025	
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
Blank (BK51675-BLK1) Blank								Prepared & Analyzed: 11/26/2025			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BK51675-BS1) LCS								Prepared & Analyzed: 11/26/2025			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126				
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	9.79		"	10.0		97.9	76-136				
1,2,3-Trichloropropane	9.95		"	10.0		99.5	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.02		"	10.0		90.2	45-147				
1,2-Dibromoethane	11.0		"	10.0		110	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	9.98		"	10.0		99.8	73-132				
1,2-Dichloropropane	11.3		"	10.0		113	78-126				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131				
1,3-Dichlorobenzene	11.2		"	10.0		112	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
2-Butanone	9.88		"	10.0		98.8	49-152				
2-Hexanone	8.31		"	10.0		83.1	51-146				
4-Methyl-2-pentanone	9.30		"	10.0		93.0	57-145				
Acetone	7.71		"	10.0		77.1	14-150				
Acrolein	75.8		"	40.0		189	10-153	High Bias			
Acrylonitrile	8.72		"	10.0		87.2	51-150				
Benzene	11.1		"	10.0		111	85-126				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
LCS (BK51675-BS1) LCS							Prepared & Analyzed: 11/26/2025				
Bromochloromethane	10.3		ug/L	10.0		103	77-128				
Bromodichloromethane	11.6		"	10.0		116	79-128				
Bromoform	11.0		"	10.0		110	78-133				
Bromomethane	14.3		"	10.0		143	43-168				
Carbon disulfide	10.7		"	10.0		107	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	11.7		"	10.0		117	88-120				
Chloroethane	15.1		"	10.0		151	65-136	High Bias			
Chloroform	10.8		"	10.0		108	82-128				
Chloromethane	9.93		"	10.0		99.3	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	80-131				
Cyclohexane	11.3		"	10.0		113	63-149				
Dibromochloromethane	11.3		"	10.0		113	80-130				
Dibromomethane	10.9		"	10.0		109	72-134				
Dichlorodifluoromethane	9.68		"	10.0		96.8	44-144				
Ethyl Benzene	12.3		"	10.0		123	80-131				
Hexachlorobutadiene	11.9		"	10.0		119	67-146				
Isopropylbenzene	12.2		"	10.0		122	76-140				
Methyl acetate	9.04		"	10.0		90.4	51-139				
Methyl tert-butyl ether (MTBE)	8.97		"	10.0		89.7	76-135				
Methylcyclohexane	12.1		"	10.0		121	72-143				
Methylene chloride	11.1		"	10.0		111	55-137				
Naphthalene	9.88		"	10.0		98.8	70-147				
n-Butylbenzene	9.76		"	10.0		97.6	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	12.5		"	10.0		125	78-130				
p- & m- Xylenes	24.8		"	20.0		124	77-133				
p-Diethylbenzene	12.3		"	10.0		123	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	12.6		"	10.0		126	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butyl alcohol (TBA)	47.7		"	50.0		95.5	25-162				
tert-Butylbenzene	11.1		"	10.0		111	77-138				
Tetrachloroethylene	8.85		"	10.0		88.5	82-131				
Toluene	12.0		"	10.0		120	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	11.7		"	10.0		117	78-131				
Trichloroethylene	11.8		"	10.0		118	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.44*		*"*	*10.0*		*94.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.3*		*"*	*10.0*		*113*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
LCS Dup (BK51675-BSD1) LCS Dup								Prepared & Analyzed: 11/26/2025			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126		6.40	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		8.84	30	
1,1,2,2-Tetrachloroethane	8.99		"	10.0		89.9	76-129		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0	54-165		13.4	30	
1,1,2-Trichloroethane	9.57		"	10.0		95.7	82-123		11.1	30	
1,1-Dichloroethane	9.97		"	10.0		99.7	82-129		7.16	30	
1,1-Dichloroethylene	9.87		"	10.0		98.7	68-138		11.9	30	
1,2,3-Trichlorobenzene	9.12		"	10.0		91.2	76-136		7.09	30	
1,2,3-Trichloropropane	8.87		"	10.0		88.7	77-128		11.5	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		4.38	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		3.89	30	
1,2-Dibromo-3-chloropropane	8.00		"	10.0		80.0	45-147		12.0	30	
1,2-Dibromoethane	9.89		"	10.0		98.9	83-124		10.4	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		5.28	30	
1,2-Dichloroethane	9.20		"	10.0		92.0	73-132		8.13	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		7.99	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		3.48	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		4.64	30	
1,3-Dichloropropane	9.74		"	10.0		97.4	81-125		9.58	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		3.43	30	
2-Butanone	8.98		"	10.0		89.8	49-152		9.54	30	
2-Hexanone	7.79		"	10.0		77.9	51-146		6.46	30	
4-Methyl-2-pentanone	8.40		"	10.0		84.0	57-145		10.2	30	
Acetone	7.34		"	10.0		73.4	14-150		4.92	30	
Acrolein	70.8		"	40.0		177	10-153	High Bias	6.74	30	
Acrylonitrile	7.90		"	10.0		79.0	51-150		9.87	30	
Benzene	10.4		"	10.0		104	85-126		6.71	30	
Bromochloromethane	9.43		"	10.0		94.3	77-128		8.92	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		8.19	30	
Bromoform	9.94		"	10.0		99.4	78-133		10.5	30	
Bromomethane	16.2		"	10.0		162	43-168		12.5	30	
Carbon disulfide	9.67		"	10.0		96.7	68-146		10.4	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		10.5	30	
Chlorobenzene	11.0		"	10.0		110	88-120		6.07	30	
Chloroethane	15.6		"	10.0		156	65-136	High Bias	3.00	30	
Chloroform	10.1		"	10.0		101	82-128		6.04	30	
Chloromethane	12.3		"	10.0		123	43-155		21.5	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		7.55	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131		7.36	30	
Cyclohexane	10.0		"	10.0		100	63-149		11.9	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		9.28	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		10.8	30	
Dichlorodifluoromethane	15.8		"	10.0		158	44-144	High Bias	48.2	30	Non-dir.
Ethyl Benzene	11.6		"	10.0		116	80-131		6.36	30	
Hexachlorobutadiene	11.6		"	10.0		116	67-146		2.80	30	
Isopropylbenzene	11.6		"	10.0		116	76-140		4.55	30	
Methyl acetate	7.96		"	10.0		79.6	51-139		12.7	30	
Methyl tert-butyl ether (MTBE)	8.64		"	10.0		86.4	76-135		3.75	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		9.41	30	
Methylene chloride	10.3		"	10.0		103	55-137		7.47	30	
Naphthalene	8.96		"	10.0		89.6	70-147		9.77	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
LCS Dup (BK51675-BSD1) LCS Dup									Prepared & Analyzed: 11/26/2025		
n-Butylbenzene	9.51		ug/L	10.0		95.1	79-132		2.59	30	
n-Propylbenzene	11.1		"	10.0		111	78-133		4.13	30	
o-Xylene	11.8		"	10.0		118	78-130		5.69	30	
p- & m- Xylenes	23.4		"	20.0		117	77-133		5.85	30	
p-Diethylbenzene	11.9		"	10.0		119	84-134		2.98	30	
p-Ethyltoluene	11.7		"	10.0		117	88-129		3.12	30	
p-Isopropyltoluene	12.2		"	10.0		122	81-136		2.98	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		4.25	30	
Styrene	11.0		"	10.0		110	67-132		6.75	30	
tert-Butyl alcohol (TBA)	46.6		"	50.0		93.3	25-162		2.33	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		5.17	30	
Tetrachloroethylene	8.24		"	10.0		82.4	82-131		7.14	30	
Toluene	11.2		"	10.0		112	80-127		6.83	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		7.71	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		7.36	30	
Trichloroethylene	11.0		"	10.0		110	82-128		7.29	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		4.66	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		9.89	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.4*		*"*	*10.0*		*114*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Matrix Spike (BK51675-MS1) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)									Prepared: 11/26/2025 Analyzed: 11/27/2025		
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0	0.00	95.9	45-161				
1,1,1-Trichloroethane	9.39		"	10.0	0.00	93.9	70-146				
1,1,2,2-Tetrachloroethane	9.17		"	10.0	0.00	91.7	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.73		"	10.0	0.00	77.3	21-217				
1,1,2-Trichloroethane	9.81		"	10.0	0.00	98.1	59-146				
1,1-Dichloroethane	8.84		"	10.0	0.00	88.4	54-146				
1,1-Dichloroethylene	8.77		"	10.0	0.00	87.7	44-165				
1,2,3-Trichlorobenzene	8.07		"	10.0	0.00	80.7	40-161				
1,2,3-Trichloropropane	8.95		"	10.0	0.00	89.5	74-127				
1,2,4-Trichlorobenzene	7.64		"	10.0	0.00	76.4	41-161				
1,2,4-Trimethylbenzene	8.21		"	10.0	0.00	82.1	72-129				
1,2-Dibromo-3-chloropropane	8.77		"	10.0	0.00	87.7	31-151				
1,2-Dibromoethane	10.1		"	10.0	0.00	101	75-125				
1,2-Dichlorobenzene	8.26		"	10.0	0.00	82.6	63-122				
1,2-Dichloroethane	9.14		"	10.0	0.00	91.4	68-131				
1,2-Dichloropropane	9.41		"	10.0	0.00	94.1	77-121				
1,3,5-Trimethylbenzene	8.32		"	10.0	0.00	83.2	69-126				
1,3-Dichlorobenzene	7.93		"	10.0	0.00	79.3	74-119				
1,3-Dichloropropane	9.77		"	10.0	0.00	97.7	77-119				
1,4-Dichlorobenzene	7.96		"	10.0	0.00	79.6	70-124				
2-Butanone	9.14		"	10.0	0.00	91.4	10-193				
2-Hexanone	9.14		"	10.0	0.00	91.4	53-133				
4-Methyl-2-pentanone	10.2		"	10.0	0.00	102	38-150				
Acetone	10.2		"	10.0	1.14	90.7	13-149				
Acrolein	29.1		"	40.0	0.00	72.7	10-195				
Acrylonitrile	9.15		"	10.0	0.00	91.5	37-165				
Benzene	9.10		"	10.0	0.00	91.0	38-155				
Bromochloromethane	9.46		"	10.0	0.00	94.6	75-121				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
Matrix Spike (BK51675-MS1) Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)							Prepared: 11/26/2025 Analyzed: 11/27/2025			
Bromodichloromethane	9.71		ug/L	10.0	0.00	97.1	70-129				
Bromoform	9.97		"	10.0	0.00	99.7	66-136				
Bromomethane	6.06		"	10.0	0.00	60.6	30-158				
Carbon disulfide	7.71		"	10.0	0.00	77.1	10-138				
Carbon tetrachloride	9.59		"	10.0	0.110	94.8	71-146				
Chlorobenzene	9.37		"	10.0	0.00	93.7	81-117				
Chloroethane	11.0		"	10.0	0.00	110	51-145				
Chloroform	11.2		"	10.0	2.24	89.4	80-124				
Chloromethane	5.66		"	10.0	0.00	56.6	16-163				
cis-1,2-Dichloroethylene	11.4		"	10.0	2.22	92.1	76-125				
cis-1,3-Dichloropropylene	9.33		"	10.0	0.00	93.3	58-131				
Cyclohexane	9.03		"	10.0	0.00	90.3	70-130				
Dibromochloromethane	9.85		"	10.0	0.00	98.5	71-129				
Dibromomethane	9.75		"	10.0	0.00	97.5	76-120				
Dichlorodifluoromethane	7.61		"	10.0	4.12	34.9	30-147				
Ethyl Benzene	9.51		"	10.0	0.00	95.1	72-128				
Hexachlorobutadiene	7.30		"	10.0	0.00	73.0	34-166				
Isopropylbenzene	8.55		"	10.0	0.00	85.5	66-139				
Methyl acetate	8.66		"	10.0	0.00	86.6	10-200				
Methyl tert-butyl ether (MTBE)	8.67		"	10.0	0.00	86.7	75-128				
Methylcyclohexane	8.35		"	10.0	0.00	83.5	70-130				
Methylene chloride	9.60		"	10.0	0.00	96.0	57-128				
Naphthalene	9.08		"	10.0	0.00	90.8	39-158				
n-Butylbenzene	6.08		"	10.0	0.00	60.8	61-138	Low Bias			
n-Propylbenzene	7.88		"	10.0	0.00	78.8	66-134				
o-Xylene	9.85		"	10.0	0.00	98.5	69-126				
p- & m- Xylenes	19.1		"	20.0	0.00	95.4	67-130				
p-Diethylbenzene	7.83		"	10.0	0.00	78.3	52-150				
p-Ethyltoluene	8.02		"	10.0	0.00	80.2	76-127				
p-Isopropyltoluene	8.42		"	10.0	0.00	84.2	64-137				
sec-Butylbenzene	8.13		"	10.0	0.00	81.3	53-155				
Styrene	9.40		"	10.0	0.00	94.0	69-125				
tert-Butyl alcohol (TBA)	42.2		"	50.0	0.00	84.5	10-130				
tert-Butylbenzene	7.96		"	10.0	0.00	79.6	65-139				
Tetrachloroethylene	79.5		"	10.0	74.6	49.4	64-139	Low Bias			
Toluene	9.43		"	10.0	0.00	94.3	76-123				
trans-1,2-Dichloroethylene	8.80		"	10.0	0.00	88.0	79-131				
trans-1,3-Dichloropropylene	9.33		"	10.0	0.00	93.3	55-130				
Trichloroethylene	10.5		"	10.0	1.42	90.7	53-145				
Trichlorofluoromethane	7.93		"	10.0	0.00	79.3	61-142				
Vinyl Chloride	6.82		"	10.0	0.00	68.2	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BK51675 - EPA 5030B

Matrix Spike Dup (BK51675- Matrix Spike Dup *Source sample: 25K1129-02 (MW-13_11202025) Prepared: 11/26/2025 Analyzed: 11/27/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	0.00	101	45-161		5.18	30	
1,1,1-Trichloroethane	10.2		"	10.0	0.00	102	70-146		8.37	30	
1,1,2,2-Tetrachloroethane	9.18		"	10.0	0.00	91.8	74-121		0.109	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.75		"	10.0	0.00	77.5	21-217		0.258	30	
1,1,2-Trichloroethane	10.1		"	10.0	0.00	101	59-146		2.91	30	
1,1-Dichloroethane	9.39		"	10.0	0.00	93.9	54-146		6.03	30	
1,1-Dichloroethylene	9.50		"	10.0	0.00	95.0	44-165		7.99	30	
1,2,3-Trichlorobenzene	8.27		"	10.0	0.00	82.7	40-161		2.45	30	
1,2,3-Trichloropropane	8.99		"	10.0	0.00	89.9	74-127		0.446	30	
1,2,4-Trichlorobenzene	7.83		"	10.0	0.00	78.3	41-161		2.46	30	
1,2,4-Trimethylbenzene	8.56		"	10.0	0.00	85.6	72-129		4.17	30	
1,2-Dibromo-3-chloropropane	8.74		"	10.0	0.00	87.4	31-151		0.343	30	
1,2-Dibromoethane	10.2		"	10.0	0.00	102	75-125		1.87	30	
1,2-Dichlorobenzene	8.56		"	10.0	0.00	85.6	63-122		3.57	30	
1,2-Dichloroethane	9.51		"	10.0	0.00	95.1	68-131		3.97	30	
1,2-Dichloropropane	9.93		"	10.0	0.00	99.3	77-121		5.38	30	
1,3,5-Trimethylbenzene	8.71		"	10.0	0.00	87.1	69-126		4.58	30	
1,3-Dichlorobenzene	8.33		"	10.0	0.00	83.3	74-119		4.92	30	
1,3-Dichloropropane	10.1		"	10.0	0.00	101	77-119		3.22	30	
1,4-Dichlorobenzene	8.28		"	10.0	0.00	82.8	70-124		3.94	30	
2-Butanone	8.91		"	10.0	0.00	89.1	10-193		2.55	30	
2-Hexanone	9.25		"	10.0	0.00	92.5	53-133		1.20	30	
4-Methyl-2-pentanone	10.2		"	10.0	0.00	102	38-150		0.00	30	
Acetone	9.49		"	10.0	1.14	83.5	13-149		7.31	30	
Acrolein	29.3		"	40.0	0.00	73.3	10-195		0.788	30	
Acrylonitrile	8.89		"	10.0	0.00	88.9	37-165		2.88	30	
Benzene	9.73		"	10.0	0.00	97.3	38-155		6.69	30	
Bromochloromethane	9.57		"	10.0	0.00	95.7	75-121		1.16	30	
Bromodichloromethane	10.2		"	10.0	0.00	102	70-129		4.82	30	
Bromoform	10.2		"	10.0	0.00	102	66-136		2.18	30	
Bromomethane	7.62		"	10.0	0.00	76.2	30-158		22.8	30	
Carbon disulfide	8.48		"	10.0	0.00	84.8	10-138		9.51	30	
Carbon tetrachloride	10.3		"	10.0	0.110	102	71-146		6.75	30	
Chlorobenzene	9.85		"	10.0	0.00	98.5	81-117		4.99	30	
Chloroethane	11.9		"	10.0	0.00	119	51-145		8.38	30	
Chloroform	11.8		"	10.0	2.24	95.4	80-124		5.23	30	
Chloromethane	6.19		"	10.0	0.00	61.9	16-163		8.95	30	
cis-1,2-Dichloroethylene	12.1		"	10.0	2.22	99.2	76-125		6.02	30	
cis-1,3-Dichloropropylene	9.84		"	10.0	0.00	98.4	58-131		5.32	30	
Cyclohexane	9.09		"	10.0	0.00	90.9	70-130		0.662	30	
Dibromochloromethane	10.3		"	10.0	0.00	103	71-129		4.27	30	
Dibromomethane	10.1		"	10.0	0.00	101	76-120		3.13	30	
Dichlorodifluoromethane	7.75		"	10.0	4.12	36.3	30-147		1.82	30	
Ethyl Benzene	10.1		"	10.0	0.00	101	72-128		5.72	30	
Hexachlorobutadiene	7.30		"	10.0	0.00	73.0	34-166		0.00	30	
Isopropylbenzene	9.08		"	10.0	0.00	90.8	66-139		6.01	30	
Methyl acetate	8.60		"	10.0	0.00	86.0	10-200		0.695	30	
Methyl tert-butyl ether (MTBE)	8.81		"	10.0	0.00	88.1	75-128		1.60	30	
Methylcyclohexane	8.13		"	10.0	0.00	81.3	70-130		2.67	30	
Methylene chloride	10.1		"	10.0	0.00	101	57-128		4.98	30	
Naphthalene	9.27		"	10.0	0.00	92.7	39-158		2.07	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51675 - EPA 5030B											
Matrix Spike Dup (BK51675- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared: 11/26/2025 Analyzed: 11/27/2025		
n-Butylbenzene	6.18		ug/L	10.0	0.00	61.8	61-138		1.63	30	
n-Propylbenzene	8.22		"	10.0	0.00	82.2	66-134		4.22	30	
o-Xylene	10.4		"	10.0	0.00	104	69-126		5.43	30	
p- & m- Xylenes	20.0		"	20.0	0.00	100	67-130		4.91	30	
p-Diethylbenzene	7.98		"	10.0	0.00	79.8	52-150		1.90	30	
p-Ethyltoluene	8.46		"	10.0	0.00	84.6	76-127		5.34	30	
p-Isopropyltoluene	8.63		"	10.0	0.00	86.3	64-137		2.46	30	
sec-Butylbenzene	8.41		"	10.0	0.00	84.1	53-155		3.39	30	
Styrene	9.91		"	10.0	0.00	99.1	69-125		5.28	30	
tert-Butyl alcohol (TBA)	44.4		"	50.0	0.00	88.7	10-130		4.92	30	
tert-Butylbenzene	8.31		"	10.0	0.00	83.1	65-139		4.30	30	
Tetrachloroethylene	81.6		"	10.0	74.6	70.6	64-139		2.63	30	
Toluene	9.97		"	10.0	0.00	99.7	76-123		5.57	30	
trans-1,2-Dichloroethylene	9.44		"	10.0	0.00	94.4	79-131		7.02	30	
trans-1,3-Dichloropropylene	9.84		"	10.0	0.00	98.4	55-130		5.32	30	
Trichloroethylene	11.0		"	10.0	1.42	96.0	53-145		4.93	30	
Trichlorofluoromethane	8.35		"	10.0	0.00	83.5	61-142		5.16	30	
Vinyl Chloride	7.45		"	10.0	0.00	74.5	31-165		8.83	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				
Batch BL50040 - EPA 5030B											
Blank (BL50040-BLK1) Blank									Prepared & Analyzed: 12/01/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
Blank (BL50040-BLK1) Blank									Prepared & Analyzed: 12/01/2025		
Benzene	ND	0.500	ug/L								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.310	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		"	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.85*		"	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.91*		"	*10.0*		*99.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
LCS (BL50040-BS1) LCS								Prepared & Analyzed: 12/01/2025			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2-Butanone	8.89		"	10.0		88.9	49-152				
2-Hexanone	9.17		"	10.0		91.7	51-146				
4-Methyl-2-pentanone	9.59		"	10.0		95.9	57-145				
Acetone	8.58		"	10.0		85.8	14-150				
Acrolein	84.6		"	40.0		211	10-153	High Bias			
Acrylonitrile	11.7		"	10.0		117	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	11.5		"	10.0		115	79-128				
Bromoform	12.4		"	10.0		124	78-133				
Bromomethane	14.1		"	10.0		141	43-168				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	11.7		"	10.0		117	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	12.4		"	10.0		124	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	7.51		"	10.0		75.1	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	80-131				
Cyclohexane	11.1		"	10.0		111	63-149				
Dibromochloromethane	11.7		"	10.0		117	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	7.32		"	10.0		73.2	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	11.1		"	10.0		111	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-140				
Methyl acetate	9.79		"	10.0		97.9	51-139				
Methyl tert-butyl ether (MTBE)	9.71		"	10.0		97.1	76-135				
Methylcyclohexane	10.6		"	10.0		106	72-143				
Methylene chloride	9.85		"	10.0		98.5	55-137				
Naphthalene	10.4		"	10.0		104	70-147				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
LCS (BL50040-BS1) LCS								Prepared & Analyzed: 12/01/2025			
n-Butylbenzene	10.3		ug/L	10.0		103	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	10.6		"	10.0		106	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	46.7		"	50.0		93.4	25-162				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	6.85		"	10.0		68.5	82-131	Low Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	12.5		"	10.0		125	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	10.0		"	10.0		100	67-139				
Vinyl Chloride	8.80		"	10.0		88.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.70*		*"*	*10.0*		*97.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				
LCS Dup (BL50040-BSD1) LCS Dup								Prepared & Analyzed: 12/01/2025			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126		3.01	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		2.88	30	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129		3.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165		6.08	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123		2.43	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		4.45	30	
1,1-Dichloroethylene	11.5		"	10.0		115	68-138		7.67	30	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136		7.42	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		1.89	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		4.86	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		2.28	30	
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	45-147		1.28	30	
1,2-Dibromoethane	11.1		"	10.0		111	83-124		3.57	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		2.27	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		4.58	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		1.58	30	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131		2.32	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		2.92	30	
1,3-Dichloropropane	10.9		"	10.0		109	81-125		3.75	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		2.80	30	
2-Butanone	9.44		"	10.0		94.4	49-152		6.00	30	
2-Hexanone	9.42		"	10.0		94.2	51-146		2.69	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145		6.65	30	
Acetone	8.58		"	10.0		85.8	14-150		0.00	30	
Acrolein	84.4		"	40.0		211	10-153	High Bias	0.178	30	
Acrylonitrile	11.5		"	10.0		115	51-150		1.89	30	
Benzene	11.1		"	10.0		111	85-126		4.04	30	
Bromochloromethane	11.0		"	10.0		110	77-128		2.39	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
LCS Dup (BL50040-BSD1) LCS Dup								Prepared & Analyzed: 12/01/2025			
Bromodichloromethane	11.7		ug/L	10.0		117	79-128		1.72	30	
Bromoform	12.6		"	10.0		126	78-133		1.83	30	
Bromomethane	16.6		"	10.0		166	43-168		16.1	30	
Carbon disulfide	11.3		"	10.0		113	68-146		11.5	30	
Carbon tetrachloride	12.0		"	10.0		120	77-141		1.86	30	
Chlorobenzene	11.0		"	10.0		110	88-120		2.77	30	
Chloroethane	14.2		"	10.0		142	65-136	High Bias	13.4	30	
Chloroform	10.9		"	10.0		109	82-128		3.56	30	
Chloromethane	10.4		"	10.0		104	43-155		32.6	30	Non-dir.
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		3.54	30	
cis-1,3-Dichloropropylene	12.1		"	10.0		121	80-131		3.11	30	
Cyclohexane	11.4		"	10.0		114	63-149		2.49	30	
Dibromochloromethane	12.1		"	10.0		121	80-130		3.78	30	
Dibromomethane	11.0		"	10.0		110	72-134		5.32	30	
Dichlorodifluoromethane	14.7		"	10.0		147	44-144	High Bias	66.8	30	Non-dir.
Ethyl Benzene	11.0		"	10.0		110	80-131		2.66	30	
Hexachlorobutadiene	11.3		"	10.0		113	67-146		1.78	30	
Isopropylbenzene	10.9		"	10.0		109	76-140		2.50	30	
Methyl acetate	10.3		"	10.0		103	51-139		5.37	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		4.33	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		3.60	30	
Methylene chloride	10.5		"	10.0		105	55-137		6.20	30	
Naphthalene	11.3		"	10.0		113	70-147		7.74	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		2.11	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		2.72	30	
o-Xylene	11.0		"	10.0		110	78-130		3.62	30	
p- & m- Xylenes	22.4		"	20.0		112	77-133		3.68	30	
p-Diethylbenzene	10.9		"	10.0		109	84-134		1.29	30	
p-Ethyltoluene	10.9		"	10.0		109	88-129		2.51	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		2.31	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		2.31	30	
Styrene	10.6		"	10.0		106	67-132		2.48	30	
tert-Butyl alcohol (TBA)	51.7		"	50.0		103	25-162		10.1	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		2.04	30	
Tetrachloroethylene	7.07		"	10.0		70.7	82-131	Low Bias	3.16	30	
Toluene	11.1		"	10.0		111	80-127		4.04	30	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132		5.48	30	
trans-1,3-Dichloropropylene	12.9		"	10.0		129	78-131		2.60	30	
Trichloroethylene	10.7		"	10.0		107	82-128		3.71	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-139		10.9	30	
Vinyl Chloride	11.5		"	10.0		115	58-145		26.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
Matrix Spike (BL50040-MS1) Matrix Spike	*Source sample: 25K1129-02RE1 (MW-13_11202025)							Prepared & Analyzed: 12/01/2025			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0	0.00	103	45-161				
1,1,1-Trichloroethane	10.7		"	10.0	0.00	107	70-146				
1,1,2,2-Tetrachloroethane	10.1		"	10.0	0.00	101	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0	0.00	108	21-217				
1,1,2-Trichloroethane	9.79		"	10.0	0.00	97.9	59-146				
1,1-Dichloroethane	9.88		"	10.0	0.00	98.8	54-146				
1,1-Dichloroethylene	10.6		"	10.0	0.00	106	44-165				
1,2,3-Trichlorobenzene	9.64		"	10.0	0.00	96.4	40-161				
1,2,3-Trichloropropane	9.61		"	10.0	0.00	96.1	74-127				
1,2,4-Trichlorobenzene	9.34		"	10.0	0.00	93.4	41-161				
1,2,4-Trimethylbenzene	9.69		"	10.0	0.00	96.9	72-129				
1,2-Dibromo-3-chloropropane	9.68		"	10.0	0.00	96.8	31-151				
1,2-Dibromoethane	10.1		"	10.0	0.00	101	75-125				
1,2-Dichlorobenzene	9.59		"	10.0	0.00	95.9	63-122				
1,2-Dichloroethane	9.70		"	10.0	0.00	97.0	68-131				
1,2-Dichloropropane	9.68		"	10.0	0.00	96.8	77-121				
1,3,5-Trimethylbenzene	9.98		"	10.0	0.00	99.8	69-126				
1,3-Dichlorobenzene	9.66		"	10.0	0.00	96.6	74-119				
1,3-Dichloropropane	9.81		"	10.0	0.00	98.1	77-119				
1,4-Dichlorobenzene	9.46		"	10.0	0.00	94.6	70-124				
2-Butanone	8.24		"	10.0	0.00	82.4	10-193				
2-Hexanone	8.38		"	10.0	0.00	83.8	53-133				
4-Methyl-2-pentanone	8.93		"	10.0	0.00	89.3	38-150				
Acetone	7.50		"	10.0	3.50	40.0	13-149				
Acrolein	75.9		"	40.0	0.00	190	10-195				
Acrylonitrile	9.75		"	10.0	0.00	97.5	37-165				
Benzene	10.0		"	10.0	3.10	69.5	38-155				
Bromochloromethane	9.84		"	10.0	0.00	98.4	75-121				
Bromodichloromethane	10.4		"	10.0	0.00	104	70-129				
Bromoform	11.2		"	10.0	0.00	112	66-136				
Bromomethane	14.6		"	10.0	0.00	146	30-158				
Carbon disulfide	9.97		"	10.0	0.00	99.7	10-138				
Carbon tetrachloride	11.2		"	10.0	0.00	112	71-146				
Chlorobenzene	10.1		"	10.0	0.00	101	81-117				
Chloroethane	13.0		"	10.0	0.00	130	51-145				
Chloroform	9.99		"	10.0	2.00	79.9	80-124	Low Bias			
Chloromethane	9.34		"	10.0	0.00	93.4	16-163				
cis-1,2-Dichloroethylene	10.4		"	10.0	1.80	86.3	76-125				
cis-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	58-131				
Cyclohexane	10.7		"	10.0	0.00	107	70-130				
Dibromochloromethane	10.8		"	10.0	0.00	108	71-129				
Dibromomethane	9.95		"	10.0	0.00	99.5	76-120				
Dichlorodifluoromethane	14.6		"	10.0	3.80	108	30-147				
Ethyl Benzene	10.2		"	10.0	0.00	102	72-128				
Hexachlorobutadiene	8.91		"	10.0	0.00	89.1	34-166				
Isopropylbenzene	10.2		"	10.0	0.00	102	66-139				
Methyl acetate	8.73		"	10.0	0.00	87.3	10-200				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0	0.00	89.8	75-128				
Methylcyclohexane	10.8		"	10.0	0.00	108	70-130				
Methylene chloride	9.08		"	10.0	0.00	90.8	57-128				
Naphthalene	9.88		"	10.0	0.00	98.8	39-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50040 - EPA 5030B											
Matrix Spike (BL50040-MS1) Matrix Spike	*Source sample: 25K1129-02RE1 (MW-13_11202025)								Prepared & Analyzed: 12/01/2025		
n-Butylbenzene	9.54		ug/L	10.0	0.00	95.4	61-138				
n-Propylbenzene	10.1		"	10.0	0.00	101	66-134				
o-Xylene	10.1		"	10.0	0.00	101	69-126				
p- & m- Xylenes	20.7		"	20.0	2.40	91.7	67-130				
p-Diethylbenzene	9.73		"	10.0	0.00	97.3	52-150				
p-Ethyltoluene	9.99		"	10.0	0.00	99.9	76-127				
p-Isopropyltoluene	9.95		"	10.0	0.00	99.5	64-137				
sec-Butylbenzene	9.93		"	10.0	0.00	99.3	53-155				
Styrene	9.67		"	10.0	0.00	96.7	69-125				
tert-Butyl alcohol (TBA)	44.7		"	50.0	0.00	89.4	10-130				
tert-Butylbenzene	9.89		"	10.0	0.00	98.9	65-139				
Tetrachloroethylene	10.7		"	10.0	39.1	NR	64-139	Low Bias			
Toluene	10.2		"	10.0	4.10	61.5	76-123	Low Bias			
trans-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	79-131				
trans-1,3-Dichloropropylene	11.3		"	10.0	0.00	113	55-130				
Trichloroethylene	9.96		"	10.0	0.00	99.6	53-145				
Trichlorofluoromethane	10.9		"	10.0	0.00	109	61-142				
Vinyl Chloride	10.5		"	10.0	0.00	105	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
Matrix Spike Dup (BL50040-I Matrix Spike Dup	*Source sample: 25K1129-02RE1 (MW-13_11202025)								Prepared & Analyzed: 12/01/2025		
1,1,1,2-Tetrachloroethane	9.84		ug/L	10.0	0.00	98.4	45-161		4.18	30	
1,1,1-Trichloroethane	10.6		"	10.0	0.00	106	70-146		1.69	30	
1,1,2,2-Tetrachloroethane	9.77		"	10.0	0.00	97.7	74-121		3.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0	0.00	108	21-217		0.370	30	
1,1,2-Trichloroethane	9.48		"	10.0	0.00	94.8	59-146		3.22	30	
1,1-Dichloroethane	9.87		"	10.0	0.00	98.7	54-146		0.101	30	
1,1-Dichloroethylene	10.5		"	10.0	0.00	105	44-165		0.664	30	
1,2,3-Trichlorobenzene	9.82		"	10.0	0.00	98.2	40-161		1.85	30	
1,2,3-Trichloropropane	9.07		"	10.0	0.00	90.7	74-127		5.78	30	
1,2,4-Trichlorobenzene	9.36		"	10.0	0.00	93.6	41-161		0.214	30	
1,2,4-Trimethylbenzene	9.37		"	10.0	0.00	93.7	72-129		3.36	30	
1,2-Dibromo-3-chloropropane	9.05		"	10.0	0.00	90.5	31-151		6.73	30	
1,2-Dibromoethane	9.73		"	10.0	0.00	97.3	75-125		3.43	30	
1,2-Dichlorobenzene	9.25		"	10.0	0.00	92.5	63-122		3.61	30	
1,2-Dichloroethane	9.42		"	10.0	0.00	94.2	68-131		2.93	30	
1,2-Dichloropropane	9.27		"	10.0	0.00	92.7	77-121		4.33	30	
1,3,5-Trimethylbenzene	9.63		"	10.0	0.00	96.3	69-126		3.57	30	
1,3-Dichlorobenzene	9.38		"	10.0	0.00	93.8	74-119		2.94	30	
1,3-Dichloropropane	9.41		"	10.0	0.00	94.1	77-119		4.16	30	
1,4-Dichlorobenzene	9.29		"	10.0	0.00	92.9	70-124		1.81	30	
2-Butanone	8.42		"	10.0	0.00	84.2	10-193		2.16	30	
2-Hexanone	8.08		"	10.0	0.00	80.8	53-133		3.65	30	
4-Methyl-2-pentanone	8.60		"	10.0	0.00	86.0	38-150		3.76	30	
Acetone	7.68		"	10.0	3.50	41.8	13-149			30	
Acrolein	75.2		"	40.0	0.00	188	10-195		0.900	30	
Acrylonitrile	10.1		"	10.0	0.00	101	37-165		3.23	30	
Benzene	9.88		"	10.0	3.10	67.8	38-155		1.71	30	
Bromochloromethane	9.53		"	10.0	0.00	95.3	75-121		3.20	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BL50040 - EPA 5030B

Matrix Spike Dup (BL50040-I Matrix Spike Dup *Source sample: 25K1129-02RE1 (MW-13_11202025) Prepared & Analyzed: 12/01/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Bromodichloromethane	10.1		ug/L	10.0	0.00	101	70-129		3.12	30	
Bromoform	10.6		"	10.0	0.00	106	66-136		5.21	30	
Bromomethane	14.3		"	10.0	0.00	143	30-158		1.73	30	
Carbon disulfide	9.89		"	10.0	0.00	98.9	10-138		0.806	30	
Carbon tetrachloride	11.2		"	10.0	0.00	112	71-146		0.268	30	
Chlorobenzene	9.70		"	10.0	0.00	97.0	81-117		3.84	30	
Chloroethane	12.7		"	10.0	0.00	127	51-145		1.94	30	
Chloroform	10.0		"	10.0	2.00	80.0	80-124		0.100	30	
Chloromethane	9.28		"	10.0	0.00	92.8	16-163		0.644	30	
cis-1,2-Dichloroethylene	10.2		"	10.0	1.80	84.2	76-125		2.03	30	
cis-1,3-Dichloropropylene	10.2		"	10.0	0.00	102	58-131		3.18	30	
Cyclohexane	10.7		"	10.0	0.00	107	70-130		0.0934	30	
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129		3.78	30	
Dibromomethane	9.67		"	10.0	0.00	96.7	76-120		2.85	30	
Dichlorodifluoromethane	14.4		"	10.0	3.80	106	30-147		1.24	30	
Ethyl Benzene	9.93		"	10.0	0.00	99.3	72-128		2.88	30	
Hexachlorobutadiene	9.03		"	10.0	0.00	90.3	34-166		1.34	30	
Isopropylbenzene	9.81		"	10.0	0.00	98.1	66-139		3.70	30	
Methyl acetate	8.79		"	10.0	0.00	87.9	10-200		0.685	30	
Methyl tert-butyl ether (MTBE)	8.81		"	10.0	0.00	88.1	75-128		1.91	30	
Methylcyclohexane	10.4		"	10.0	0.00	104	70-130		3.30	30	
Methylene chloride	9.01		"	10.0	0.00	90.1	57-128		0.774	30	
Naphthalene	9.76		"	10.0	0.00	97.6	39-158		1.22	30	
n-Butylbenzene	9.39		"	10.0	0.00	93.9	61-138		1.58	30	
n-Propylbenzene	9.70		"	10.0	0.00	97.0	66-134		3.74	30	
o-Xylene	9.74		"	10.0	0.00	97.4	69-126		3.93	30	
p- & m- Xylenes	20.0		"	20.0	2.40	87.8	67-130		3.83	30	
p-Diethylbenzene	9.59		"	10.0	0.00	95.9	52-150		1.45	30	
p-Ethyltoluene	9.64		"	10.0	0.00	96.4	76-127		3.57	30	
p-Isopropyltoluene	9.74		"	10.0	0.00	97.4	64-137		2.13	30	
sec-Butylbenzene	9.67		"	10.0	0.00	96.7	53-155		2.65	30	
Styrene	9.36		"	10.0	0.00	93.6	69-125		3.26	30	
tert-Butyl alcohol (TBA)	45.3		"	50.0	0.00	90.6	10-130		1.36	30	
tert-Butylbenzene	9.49		"	10.0	0.00	94.9	65-139		4.13	30	
Tetrachloroethylene	10.4		"	10.0	39.1	NR	64-139	Low Bias	2.94	30	
Toluene	9.77		"	10.0	4.10	56.7	76-123	Low Bias	4.80	30	
trans-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	79-131		0.192	30	
trans-1,3-Dichloropropylene	10.7		"	10.0	0.00	107	55-130		4.73	30	
Trichloroethylene	9.47		"	10.0	0.00	94.7	53-145		5.04	30	
Trichlorofluoromethane	10.7		"	10.0	0.00	107	61-142		1.94	30	
Vinyl Chloride	10.4		"	10.0	0.00	104	31-165		1.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Blank (BK51418-BLK1) Blank									Prepared & Analyzed: 11/22/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Blank (BK51418-BLK1) Blank								Prepared & Analyzed: 11/22/2025			
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.2*		"	*50.0*		*36.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.68*		"	*50.0*		*19.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.7*		"	*25.0*		*66.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.5*		"	*25.0*		*66.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.1*		"	*50.0*		*94.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.7*		"	*25.0*		*82.8*	*30.7-106*				
LCS (BK51418-BS1) LCS								Prepared & Analyzed: 11/22/2025			
1,1-Biphenyl	16.0	5.00	ug/L	25.0		64.2	33-95				
1,2,4,5-Tetrachlorobenzene	14.2	5.00	"	25.0		56.6	26-120				
1,2,4-Trichlorobenzene	11.3	5.00	"	25.0		45.4	20-118				
1,2-Dichlorobenzene	11.6	5.00	"	25.0		46.6	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	14.3	5.00	"	25.0		57.3	16-141				
1,3-Dichlorobenzene	11.7	5.00	"	25.0		46.6	23-117				
1,4-Dichlorobenzene	11.5	5.00	"	25.0		46.1	30-105				
2,3,4,6-Tetrachlorophenol	30.2	5.00	"	25.0		121	30-130				
2,4,5-Trichlorophenol	19.8	5.00	"	25.0		79.3	32-114				
2,4,6-Trichlorophenol	18.6	5.00	"	25.0		74.3	35-118				
2,4-Dichlorophenol	14.0	5.00	"	25.0		55.8	25-116				
2,4-Dimethylphenol	13.0	5.00	"	25.0		51.8	15-116				
2,4-Dinitrophenol	26.9	5.00	"	25.0		107	10-170				
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.6	41-128				
2,6-Dinitrotoluene	21.8	5.00	"	25.0		87.2	45-116				
2-Chloronaphthalene	14.4	5.00	"	25.0		57.7	33-112				
2-Chlorophenol	13.3	5.00	"	25.0		53.0	15-120				
2-Methylnaphthalene	10.8	5.00	"	25.0		43.3	24-118				
2-Methylphenol	12.4	5.00	"	25.0		49.6	10-110				
2-Nitroaniline	21.0	5.00	"	25.0		84.2	34-129				
2-Nitrophenol	17.0	5.00	"	25.0		67.9	28-118				
3- & 4-Methylphenols	9.73	5.00	"	25.0		38.9	10-107				
3,3-Dichlorobenzidine	21.7	5.00	"	25.0		87.0	15-187				
3-Nitroaniline	17.7	5.00	"	25.0		70.7	24-134				
4,6-Dinitro-2-methylphenol	32.5	5.00	"	25.0		130	10-153				
4-Bromophenyl phenyl ether	15.2	5.00	"	25.0		60.8	34-120				
4-Chloro-3-methylphenol	15.9	5.00	"	25.0		63.4	20-120				
4-Chloroaniline	10.4	5.00	"	25.0		41.5	10-147				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		66.7	27-121				
4-Nitroaniline	19.8	5.00	"	25.0		79.4	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	14.9	5.00	"	25.0		59.5	25-110				
Aniline	6.66	5.00	"	25.0		26.6	10-117				
Benzaldehyde	13.2	5.00	"	25.0		53.0	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.2	5.00	"	25.0		44.6	10-117				
Benzyl butyl phthalate	19.8	5.00	"	25.0		79.0	29-133				
Bis(2-chloroethoxy)methane	12.6	5.00	"	25.0		50.4	10-154				
Bis(2-chloroethyl)ether	13.2	5.00	"	25.0		53.0	17-125				
Bis(2-chloroisopropyl)ether	13.1	5.00	"	25.0		52.4	10-139				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
LCS (BK51418-BS1) LCS							Prepared & Analyzed: 11/22/2025				
Caprolactam	3.28	5.00	ug/L	25.0		13.1	10-137				
Carbazole	18.1	5.00	"	25.0		72.3	42-126				
Dibenzofuran	15.5	5.00	"	25.0		62.1	36-113				
Diethyl phthalate	17.6	5.00	"	25.0		70.4	38-115				
Dimethyl phthalate	17.6	5.00	"	25.0		70.4	38-129				
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.2	31-120				
Di-n-octyl phthalate	19.9	5.00	"	25.0		79.6	21-149				
Hexachlorocyclopentadiene	13.6	10.0	"	25.0		54.2	10-130				
Isophorone	13.8	5.00	"	25.0		55.0	25-127				
N-nitroso-di-n-propylamine	15.2	5.00	"	25.0		60.7	26-122				
N-Nitrosodiphenylamine	17.5	5.00	"	25.0		70.0	23-149				
Phenol	6.02	5.00	"	25.0		24.1	10-110				
Pyridine	7.05	5.00	"	35.0		20.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.4*		*"*	*50.0*		*34.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.73*		*"*	*50.0*		*19.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.2*		*"*	*25.0*		*60.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.7*		*"*	*25.0*		*63.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.9*		*"*	*50.0*		*91.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.9*		*"*	*25.0*		*75.7*	*30.7-106*				
LCS Dup (BK51418-BSD1) LCS Dup							Prepared & Analyzed: 11/22/2025				
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.4	33-95		9.27	20	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0		61.2	26-120		7.81	20	
1,2,4-Trichlorobenzene	13.0	5.00	"	25.0		52.1	20-118		13.9	20	
1,2-Dichlorobenzene	12.9	5.00	"	25.0		51.8	29-111		10.5	20	
1,2-Diphenylhydrazine (as Azobenzene)	15.8	5.00	"	25.0		63.2	16-141		9.83	20	
1,3-Dichlorobenzene	13.1	5.00	"	25.0		52.3	23-117		11.4	20	
1,4-Dichlorobenzene	13.0	5.00	"	25.0		51.8	30-105		11.6	20	
2,3,4,6-Tetrachlorophenol	34.9	5.00	"	25.0		140	30-130	High Bias	14.4	20	
2,4,5-Trichlorophenol	21.7	5.00	"	25.0		86.8	32-114		9.01	20	
2,4,6-Trichlorophenol	20.9	5.00	"	25.0		83.7	35-118		11.9	20	
2,4-Dichlorophenol	15.8	5.00	"	25.0		63.1	25-116		12.2	20	
2,4-Dimethylphenol	15.0	5.00	"	25.0		60.0	15-116		14.7	20	
2,4-Dinitrophenol	33.7	5.00	"	25.0		135	10-170		22.6	20	Non-dir.
2,4-Dinitrotoluene	26.0	5.00	"	25.0		104	41-128		12.7	20	
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.6	45-116		12.2	20	
2-Chloronaphthalene	15.9	5.00	"	25.0		63.5	33-112		9.57	20	
2-Chlorophenol	14.5	5.00	"	25.0		58.0	15-120		9.00	20	
2-Methylnaphthalene	12.0	5.00	"	25.0		48.1	24-118		10.6	20	
2-Methylphenol	13.6	5.00	"	25.0		54.5	10-110		9.38	20	
2-Nitroaniline	23.9	5.00	"	25.0		95.7	34-129		12.9	20	
2-Nitrophenol	18.8	5.00	"	25.0		75.0	28-118		9.97	20	
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.1	10-107		12.4	20	
3,3-Dichlorobenzidine	23.8	5.00	"	25.0		95.3	15-187		9.13	20	
3-Nitroaniline	20.4	5.00	"	25.0		81.7	24-134		14.5	20	
4,6-Dinitro-2-methylphenol	38.1	5.00	"	25.0		153	10-153		16.0	20	
4-Bromophenyl phenyl ether	17.1	5.00	"	25.0		68.5	34-120		11.9	20	
4-Chloro-3-methylphenol	18.3	5.00	"	25.0		73.3	20-120		14.4	20	
4-Chloroaniline	12.4	5.00	"	25.0		49.8	10-147		18.1	20	
4-Chlorophenyl phenyl ether	18.6	5.00	"	25.0		74.6	27-121		11.1	20	
4-Nitroaniline	22.6	5.00	"	25.0		90.4	13-134		13.0	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
LCS Dup (BK51418-BSD1) LCS Dup								Prepared & Analyzed: 11/22/2025			
4-Nitrophenol	ND	5.00	ug/L	25.0			10-131	Low Bias		20	
Acetophenone	16.0	5.00	"	25.0		63.8	25-110		6.94	20	
Aniline	6.80	5.00	"	25.0		27.2	10-117		2.08	20	
Benzaldehyde	15.2	5.00	"	25.0		61.0	29-117		14.1	20	
Benzoic acid	3.60	5.00	"	25.0		14.4	30-130	Low Bias	47.4	20	Non-dir.
Benzyl alcohol	12.4	5.00	"	25.0		49.5	10-117		10.4	20	
Benzyl butyl phthalate	22.6	5.00	"	25.0		90.6	29-133		13.7	20	
Bis(2-chloroethoxy)methane	14.1	5.00	"	25.0		56.2	10-154		10.9	20	
Bis(2-chloroethyl)ether	14.3	5.00	"	25.0		57.1	17-125		7.41	20	
Bis(2-chloroisopropyl)ether	13.8	5.00	"	25.0		55.2	10-139		5.06	20	
Caprolactam	3.85	5.00	"	25.0		15.4	10-137		16.0	20	
Carbazole	20.2	5.00	"	25.0		80.6	42-126		10.9	20	
Dibenzofuran	17.2	5.00	"	25.0		69.0	36-113		10.6	20	
Diethyl phthalate	20.0	5.00	"	25.0		79.8	38-115		12.6	20	
Dimethyl phthalate	20.0	5.00	"	25.0		80.0	38-129		12.7	20	
Di-n-butyl phthalate	20.9	5.00	"	25.0		83.6	31-120		12.0	20	
Di-n-octyl phthalate	23.1	5.00	"	25.0		92.5	21-149		15.0	20	
Hexachlorocyclopentadiene	15.2	10.0	"	25.0		61.0	10-130		11.8	20	
Isophorone	15.4	5.00	"	25.0		61.6	25-127		11.2	20	
N-nitroso-di-n-propylamine	16.2	5.00	"	25.0		64.8	26-122		6.63	20	
N-Nitrosodiphenylamine	19.8	5.00	"	25.0		79.2	23-149		12.3	20	
Phenol	6.73	5.00	"	25.0		26.9	10-110		11.1	20	
Pyridine	5.97	5.00	"	35.0		17.1	10-90		16.6	20	
Surrogate: SURR: 2-Fluorophenol	*18.3*		"	*50.0*		*36.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.3*		"	*50.0*		*20.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.2*		"	*25.0*		*65.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.3*		"	*25.0*		*65.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.4*		"	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		"	*25.0*		*84.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Matrix Spike (BK51418-MS1) Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)							Prepared & Analyzed: 11/22/2025			
1,1-Biphenyl	16.0	5.00	ug/L	25.0	ND	64.0	26-79				
1,2,4,5-Tetrachlorobenzene	14.0	5.00	"	25.0	ND	56.1	33-90				
1,2,4-Trichlorobenzene	12.5	5.00	"	25.0	ND	49.8	31-88				
1,2-Dichlorobenzene	12.2	5.00	"	25.0	ND	48.6	24-93				
1,2-Diphenylhydrazine (as Azobenzene)	14.4	5.00	"	25.0	ND	57.6	21-107				
1,3-Dichlorobenzene	12.1	5.00	"	25.0	ND	48.6	28-86				
1,4-Dichlorobenzene	12.1	5.00	"	25.0	ND	48.3	25-85				
2,3,4,6-Tetrachlorophenol	31.3	5.00	"	25.0	ND	125	30-130				
2,4,5-Trichlorophenol	17.7	5.00	"	25.0	ND	70.8	43-96				
2,4,6-Trichlorophenol	18.8	5.00	"	25.0	ND	75.3	46-94				
2,4-Dichlorophenol	15.2	5.00	"	25.0	ND	60.9	26-101				
2,4-Dimethylphenol	14.0	5.00	"	25.0	ND	55.9	10-104				
2,4-Dinitrophenol	31.9	5.00	"	25.0	ND	128	10-146				
2,4-Dinitrotoluene	23.3	5.00	"	25.0	ND	93.1	30-108				
2,6-Dinitrotoluene	21.9	5.00	"	25.0	ND	87.7	38-98				
2-Chloronaphthalene	14.5	5.00	"	25.0	ND	57.9	30-89				
2-Chlorophenol	13.9	5.00	"	25.0	ND	55.4	24-98				
2-Methylnaphthalene	11.5	5.00	"	25.0	ND	46.2	10-112				
2-Methylphenol	12.9	5.00	"	25.0	ND	51.6	10-134				
2-Nitroaniline	21.3	5.00	"	25.0	ND	85.2	25-110				
2-Nitrophenol	18.1	5.00	"	25.0	ND	72.2	10-139				
3- & 4-Methylphenols	10.2	5.00	"	25.0	ND	40.8	10-91				
3,3-Dichlorobenzidine	19.2	5.00	"	25.0	ND	76.7	10-140				
3-Nitroaniline	18.4	5.00	"	25.0	ND	73.5	22-111				
4,6-Dinitro-2-methylphenol	34.2	5.00	"	25.0	ND	137	10-140				
4-Bromophenyl phenyl ether	15.7	5.00	"	25.0	ND	62.9	30-108				
4-Chloro-3-methylphenol	17.1	5.00	"	25.0	ND	68.6	11-109				
4-Chloroaniline	11.0	5.00	"	25.0	ND	43.8	10-116				
4-Chlorophenyl phenyl ether	16.5	5.00	"	25.0	ND	66.1	39-85				
4-Nitroaniline	20.6	5.00	"	25.0	ND	82.4	11-132				
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias			
Acetophenone	15.0	5.00	"	25.0	ND	60.0	14-102				
Aniline	6.50	5.00	"	25.0	ND	26.0	10-80				
Benzaldehyde	13.4	5.00	"	25.0	ND	53.8	13-87				
Benzoic acid	6.63	5.00	"	25.0	ND	26.5	10-162				
Benzyl alcohol	11.7	5.00	"	25.0	ND	46.8	10-102				
Benzyl butyl phthalate	20.6	5.00	"	25.0	ND	82.6	10-133				
Bis(2-chloroethoxy)methane	13.4	5.00	"	25.0	ND	53.6	18-105				
Bis(2-chloroethyl)ether	13.6	5.00	"	25.0	ND	54.5	10-108				
Bis(2-chloroisopropyl)ether	13.5	5.00	"	25.0	ND	53.9	13-116				
Caprolactam	3.61	5.00	"	25.0	ND	14.4	10-75				
Carbazole	18.0	5.00	"	25.0	ND	72.2	36-108				
Dibenzofuran	15.5	5.00	"	25.0	ND	61.8	34-92				
Diethyl phthalate	17.6	5.00	"	25.0	ND	70.5	33-98				
Dimethyl phthalate	17.7	5.00	"	25.0	ND	71.0	18-116				
Di-n-butyl phthalate	19.2	5.00	"	25.0	ND	77.0	25-97				
Di-n-octyl phthalate	20.6	5.00	"	25.0	ND	82.2	10-137				
Hexachlorocyclopentadiene	14.0	10.0	"	25.0	ND	56.2	10-79				
Isophorone	14.6	5.00	"	25.0	ND	58.5	25-103				
N-nitroso-di-n-propylamine	15.4	5.00	"	25.0	ND	61.6	19-115				
N-Nitrosodiphenylamine	18.1	5.00	"	25.0	ND	72.4	31-112				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Matrix Spike (BK51418-MS1) Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/22/2025		
Phenol	6.22	5.00	ug/L	25.0	ND	24.9	10-61				
Pyridine	6.38	5.00	"	35.0	ND	18.2	10-78				
Surrogate: SURR: 2-Fluorophenol	*16.8*		"	*50.0*		*33.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.71*		"	*50.0*		*19.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.5*		"	*25.0*		*61.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.8*		"	*25.0*		*59.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.7*		"	*50.0*		*89.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.8*		"	*25.0*		*75.2*	*30.7-106*				
Matrix Spike Dup (BK51418- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/22/2025		
1,1-Biphenyl	15.7	5.00	ug/L	25.0	ND	62.7	26-79		2.08	25	
1,2,4,5-Tetrachlorobenzene	13.9	5.00	"	25.0	ND	55.4	33-90		1.15	25	
1,2,4-Trichlorobenzene	12.0	5.00	"	25.0	ND	48.2	31-88		3.43	25	
1,2-Dichlorobenzene	12.1	5.00	"	25.0	ND	48.6	24-93		0.165	25	
1,2-Diphenylhydrazine (as Azobenzene)	13.7	5.00	"	25.0	ND	54.6	21-107		5.34	25	
1,3-Dichlorobenzene	11.9	5.00	"	25.0	ND	47.6	28-86		2.08	25	
1,4-Dichlorobenzene	12.0	5.00	"	25.0	ND	47.8	25-85		0.998	25	
2,3,4,6-Tetrachlorophenol	29.3	5.00	"	25.0	ND	117	30-130		6.40	25	
2,4,5-Trichlorophenol	19.1	5.00	"	25.0	ND	76.3	43-96		7.56	25	
2,4,6-Trichlorophenol	18.2	5.00	"	25.0	ND	73.0	46-94		3.13	25	
2,4-Dichlorophenol	14.1	5.00	"	25.0	ND	56.3	26-101		7.92	25	
2,4-Dimethylphenol	13.0	5.00	"	25.0	ND	51.9	10-104		7.42	25	
2,4-Dinitrophenol	28.4	5.00	"	25.0	ND	114	10-146		11.5	25	
2,4-Dinitrotoluene	22.1	5.00	"	25.0	ND	88.4	30-108		5.16	25	
2,6-Dinitrotoluene	20.9	5.00	"	25.0	ND	83.4	38-98		5.00	25	
2-Chloronaphthalene	14.3	5.00	"	25.0	ND	57.0	30-89		1.46	25	
2-Chlorophenol	13.4	5.00	"	25.0	ND	53.5	24-98		3.52	25	
2-Methylnaphthalene	11.1	5.00	"	25.0	ND	44.2	10-112		4.25	25	
2-Methylphenol	12.4	5.00	"	25.0	ND	49.6	10-134		3.87	25	
2-Nitroaniline	20.6	5.00	"	25.0	ND	82.5	25-110		3.29	25	
2-Nitrophenol	17.0	5.00	"	25.0	ND	68.1	10-139		5.87	25	
3- & 4-Methylphenols	9.83	5.00	"	25.0	ND	39.3	10-91		3.69	25	
3,3-Dichlorobenzidine	17.1	5.00	"	25.0	ND	68.5	10-140		11.3	25	
3-Nitroaniline	16.9	5.00	"	25.0	ND	67.7	22-111		8.22	25	
4,6-Dinitro-2-methylphenol	32.5	5.00	"	25.0	ND	130	10-140		5.34	25	
4-Bromophenyl phenyl ether	14.7	5.00	"	25.0	ND	58.9	30-108		6.50	25	
4-Chloro-3-methylphenol	15.8	5.00	"	25.0	ND	63.0	11-109		8.39	25	
4-Chloroaniline	9.36	5.00	"	25.0	ND	37.4	10-116		15.7	25	
4-Chlorophenyl phenyl ether	15.9	5.00	"	25.0	ND	63.5	39-85		4.07	25	
4-Nitroaniline	18.8	5.00	"	25.0	ND	75.4	11-132		8.92	25	
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias		25	
Acetophenone	14.5	5.00	"	25.0	ND	58.0	14-102		3.32	25	
Aniline	6.42	5.00	"	25.0	ND	25.7	10-80		1.24	25	
Benzaldehyde	13.7	5.00	"	25.0	ND	54.9	13-87		1.99	25	
Benzoic acid	6.05	5.00	"	25.0	ND	24.2	10-162		9.15	25	
Benzyl alcohol	11.0	5.00	"	25.0	ND	43.9	10-102		6.44	25	
Benzyl butyl phthalate	18.7	5.00	"	25.0	ND	74.6	10-133		10.1	25	
Bis(2-chloroethoxy)methane	12.4	5.00	"	25.0	ND	49.7	18-105		7.52	25	
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0	ND	53.0	10-108		2.68	25	
Bis(2-chloroisopropyl)ether	12.9	5.00	"	25.0	ND	51.4	13-116		4.71	25	
Caprolactam	3.59	5.00	"	25.0	ND	14.4	10-75		0.556	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51418 - EPA 3510C											
Matrix Spike Dup (BK51418- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/22/2025		
Carbazole	17.2	5.00	ug/L	25.0	ND	68.6	36-108		5.11	25	
Dibenzofuran	15.0	5.00	"	25.0	ND	60.0	34-92		3.09	25	
Diethyl phthalate	16.7	5.00	"	25.0	ND	66.8	33-98		5.36	25	
Dimethyl phthalate	16.7	5.00	"	25.0	ND	66.8	18-116		5.98	25	
Di-n-butyl phthalate	17.8	5.00	"	25.0	ND	71.2	25-97		7.72	25	
Di-n-octyl phthalate	19.1	5.00	"	25.0	ND	76.4	10-137		7.41	25	
Hexachlorocyclopentadiene	14.2	10.0	"	25.0	ND	56.7	10-79		0.850	25	
Isophorone	13.5	5.00	"	25.0	ND	54.2	25-103		7.74	25	
N-nitroso-di-n-propylamine	14.6	5.00	"	25.0	ND	58.5	19-115		5.13	25	
N-Nitrosodiphenylamine	16.8	5.00	"	25.0	ND	67.2	31-112		7.51	25	
Phenol	6.20	5.00	"	25.0	ND	24.8	10-61		0.322	25	
Pyridine	6.46	5.00	"	35.0	ND	18.5	10-78		1.25	25	
Surrogate: SURR: 2-Fluorophenol	*16.5*		*"*	*50.0*		*33.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.16*		*"*	*50.0*		*18.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.2*		*"*	*25.0*		*56.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.2*		*"*	*25.0*		*56.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.4*		*"*	*50.0*		*80.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.6*		*"*	*25.0*		*66.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

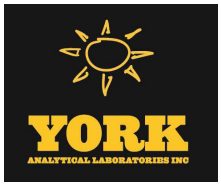
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51419 - EPA 3510C											
Blank (BK51419-BLK2) Blank									Prepared & Analyzed: 11/22/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BK51419-BS2) LCS									Prepared & Analyzed: 11/22/2025		
Acenaphthene	0.422	0.0500	ug/L	1.00		42.2	25-116				
Acenaphthylene	0.453	0.0500	"	1.00		45.3	26-116				
Anthracene	0.448	0.0500	"	1.00		44.8	25-123				
Benzo(a)anthracene	0.492	0.0500	"	1.00		49.2	33-125				
Benzo(a)pyrene	0.487	0.0500	"	1.00		48.7	32-132				
Benzo(b)fluoranthene	0.584	0.0500	"	1.00		58.4	22-137				
Benzo(g,h,i)perylene	0.607	0.0500	"	1.00		60.7	10-138				
Benzo(k)fluoranthene	0.566	0.0500	"	1.00		56.6	20-137				
Bis(2-ethylhexyl)phthalate	0.557	0.500	"	1.00		55.7	10-189				
Chrysene	0.527	0.0500	"	1.00		52.7	32-124				
Dibenzo(a,h)anthracene	0.537	0.0500	"	1.00		53.7	16-133				
Fluoranthene	0.521	0.0500	"	1.00		52.1	32-121				
Fluorene	0.474	0.0500	"	1.00		47.4	28-118				
Hexachlorobenzene	0.549	0.0200	"	1.00		54.9	23-124				
Hexachlorobutadiene	0.518	0.500	"	1.00		51.8	15-123				
Hexachloroethane	1.73	0.500	"	1.00		173	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.511	0.0500	"	1.00		51.1	15-135				
Naphthalene	0.428	0.0500	"	1.00		42.8	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.443	0.250	"	1.00		44.3	10-156				
Phenanthrene	0.470	0.0500	"	1.00		47.0	24-127				
Pyrene	0.467	0.0500	"	1.00		46.7	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51552 - EPA 3535A											
Blank (BK51552-BLK1) Blank									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.56*		"	*4.00*		*64.0*	*36.6-118*				
LCS (BK51552-BS1) LCS									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*2.88*		"	*4.00*		*72.0*	*36.6-118*				
Matrix Spike (BK51552-MS2) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	*2.56*		"	*4.00*		*64.0*	*36.6-118*				
Matrix Spike Dup (BK51552- Matrix Spike Dup *Source sample: 25K1129-02 (MW-13_11202025)									Prepared: 11/25/2025 Analyzed: 11/26/2025		
1,4-Dioxane	7.42	0.300	ug/L	8.00	ND	92.8	50-130		59.9	30	Non-dir.
Surrogate: 1,4-Dioxane-d8	*2.24*		"	*4.00*		*56.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
Blank (BK51376-BLK1) Blank									Prepared: 11/21/2025 Analyzed: 11/22/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*35.4*		"	*23.3*		*152*	*40-135*				
Surrogate: M5PFHxA	*32.7*		"	*25.0*		*131*	*40-130*				
Surrogate: M4PFHpA	*27.8*		"	*25.0*		*111*	*40-130*				
Surrogate: M3PFHxS	*32.7*		"	*23.7*		*138*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.9*		"	*25.0*		*136*	*40-130*				
Surrogate: M6PFDA	*17.7*		"	*12.5*		*141*	*40-130*				
Surrogate: M7PFUdA	*17.4*		"	*12.5*		*139*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.5*		"	*12.5*		*124*	*10-130*				
Surrogate: M2PFTeDA	*15.2*		"	*12.5*		*122*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
Blank (BK51376-BLK1) Blank									Prepared: 11/21/2025 Analyzed: 11/22/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*129*		*ng/L*	*100*		*129*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.3*		*"*	*24.0*		*139*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*71.9*		*"*	*50.0*		*144*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*34.8*		*"*	*25.0*		*139*	*40-130*				
Surrogate: d3-N-MeFOSAA	*63.8*		*"*	*50.0*		*128*	*40-170*				
Surrogate: d5-N-EtFOSAA	*63.7*		*"*	*50.0*		*127*	*25-135*				
Surrogate: M2-6:2 FTS	*54.5*		*"*	*47.6*		*115*	*40-200*				
Surrogate: M2-8:2 FTS	*59.4*		*"*	*48.0*		*124*	*40-300*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*40-130*				
Surrogate: M2-4:2 FTS	*61.6*		*"*	*46.9*		*131*	*40-200*				
Surrogate: d-N-MeFOSA	*30.0*		*"*	*25.0*		*120*	*10-130*				
Surrogate: d-N-EtFOSA	*27.2*		*"*	*25.0*		*109*	*10-130*				
Surrogate: M3HFPO-DA	*143*		*"*	*100*		*143*	*40-130*				
Surrogate: d9-N-EtFOSE	*262*		*"*	*250*		*105*	*10-130*				
Surrogate: d7-N-MeFOSE	*287*		*"*	*250*		*115*	*10-130*				
LCS (BK51376-BS1) LCS									Prepared: 11/21/2025 Analyzed: 11/22/2025		
Perfluorobutanesulfonic acid (PFBS)	31.3	1.77	ng/L	35.4		88.4	60-145				
Perfluorohexanoic acid (PFHxA)	35.7	2.00	"	40.0		89.3	70-145				
Perfluoroheptanoic acid (PFHpA)	36.8	2.00	"	40.0		92.0	70-150				
Perfluorohexanesulfonic acid (PFHxS)	34.8	1.83	"	36.6		95.1	65-145				
Perfluorooctanoic acid (PFOA)	35.6	2.00	"	40.0		89.0	70-150				
Perfluorooctanesulfonic acid (PFOS)	33.8	1.86	"	37.2		90.9	55-150				
Perfluorononanoic acid (PFNA)	37.0	2.00	"	40.0		92.5	70-150				
Perfluorodecanoic acid (PFDA)	37.5	2.00	"	40.0		93.8	70-140				
Perfluoroundecanoic acid (PFUnA)	38.1	2.00	"	40.0		95.1	70-145				
Perfluorododecanoic acid (PFDoA)	35.4	2.00	"	40.0		88.5	70-140				
Perfluorotridecanoic acid (PFTrDA)	40.2	2.00	"	40.0		100	65-140				
Perfluorotetradecanoic acid (PFTA)	37.3	2.00	"	40.0		93.2	60-140				
N-MeFOSAA	35.9	2.00	"	40.0		89.6	50-140				
N-EtFOSAA	36.9	2.00	"	40.0		92.3	70-145				
Perfluoropentanoic acid (PFPeA)	72.1	4.00	"	80.0		90.2	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	35.0	2.00	"	40.0		87.4	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.2	1.91	"	38.2		94.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	34.7	1.93	"	38.6		89.8	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	141	7.60	"	152		92.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	140	7.68	"	154		90.9	60-150				
Perfluoro-n-butanoic acid (PFBA)	142	8.00	"	160		89.0	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	53.8	3.56	"	71.2		75.5	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	100	4.00	"	80.0		125	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	82.2	4.00	"	80.0		103	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	76.2	4.00	"	80.0		95.2	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.4	1.88	"	37.6		91.4	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	135	7.50	"	150		90.2	70-145				
HFPO-DA (Gen-X)	68.9	8.00	"	80.0		86.1	70-140				
11CL-PF3OUdS	50.2	7.56	"	75.6		66.4	55-160				
9CL-PF3ONS	52.6	7.48	"	74.8		70.3	70-155				
ADONA	60.1	7.56	"	75.6		79.5	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
LCS (BK51376-BS1) LCS									Prepared: 11/21/2025 Analyzed: 11/22/2025		
Perfluorododecanesulfonic acid (PFDoS)	30.0	1.94	ng/L	38.8		77.4	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.1	1.92	"	38.4		94.0	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	149	10.0	"	160		93.2	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	722	50.0	"	800		90.3	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	742	50.0	"	800		92.7	50-145				
N-MeFOSE	377	20.0	"	400		94.2	70-145				
N-MeFOSA	37.1	2.00	"	40.0		92.8	60-150				
N-EtFOSE	410	20.0	"	400		102	70-135				
N-EtFOSA	37.2	2.00	"	40.0		93.1	65-145				
Surrogate: M3PFBS	*34.8*		"	*23.3*		*149*	*40-135*				
Surrogate: M5PFHxA	*34.4*		"	*25.0*		*138*	*40-130*				
Surrogate: M4PFHpA	*30.7*		"	*25.0*		*123*	*40-130*				
Surrogate: M3PFHxS	*32.4*		"	*23.7*		*137*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.5*		"	*25.0*		*138*	*40-130*				
Surrogate: M6PFDA	*16.7*		"	*12.5*		*133*	*40-130*				
Surrogate: M7PFUdA	*16.3*		"	*12.5*		*131*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.1*		"	*12.5*		*129*	*10-130*				
Surrogate: M2PFTeDA	*13.2*		"	*12.5*		*106*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*134*		"	*100*		*134*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.6*		"	*24.0*		*136*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.8*		"	*50.0*		*154*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.7*		"	*25.0*		*143*	*40-130*				
Surrogate: d3-N-MeFOSAA	*60.7*		"	*50.0*		*121*	*40-170*				
Surrogate: d5-N-EtFOSAA	*64.4*		"	*50.0*		*129*	*25-135*				
Surrogate: M2-6:2 FTS	*47.0*		"	*47.6*		*98.8*	*40-200*				
Surrogate: M2-8:2 FTS	*52.3*		"	*48.0*		*109*	*40-300*				
Surrogate: M9PFNA	*16.0*		"	*12.5*		*128*	*40-130*				
Surrogate: M2-4:2 FTS	*54.0*		"	*46.9*		*115*	*40-200*				
Surrogate: d-N-MeFOSA	*30.3*		"	*25.0*		*121*	*10-130*				
Surrogate: d-N-EtFOSA	*28.4*		"	*25.0*		*114*	*10-130*				
Surrogate: M3HFPO-DA	*143*		"	*100*		*143*	*40-130*				
Surrogate: d9-N-EtFOSE	*274*		"	*250*		*110*	*10-130*				
Surrogate: d7-N-MeFOSE	*304*		"	*250*		*122*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
LCS (BK51376-BS2) LCS								Prepared: 11/21/2025 Analyzed: 11/22/2025			
Perfluorobutanesulfonic acid (PFBS)	3.05	1.77	ng/L	3.54		86.3	60-145				
Perfluorohexanoic acid (PFHxA)	3.20	2.00	"	4.00		79.9	70-145				
Perfluoroheptanoic acid (PFHpA)	2.93	2.00	"	4.00		73.3	70-150				
Perfluorohexanesulfonic acid (PFHxS)	2.90	1.83	"	3.66		79.2	65-145				
Perfluorooctanoic acid (PFOA)	3.52	2.00	"	4.00		87.9	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.06	1.86	"	3.72		82.2	55-150				
Perfluorononanoic acid (PFNA)	2.87	2.00	"	4.00		71.8	70-150				
Perfluorodecanoic acid (PFDA)	3.48	2.00	"	4.00		87.0	70-140				
Perfluoroundecanoic acid (PFUnA)	2.73	2.00	"	4.00		68.2	70-145	Low Bias			
Perfluorododecanoic acid (PFDoA)	3.30	2.00	"	4.00		82.6	70-140				
Perfluorotridecanoic acid (PFTrDA)	3.55	2.00	"	4.00		88.8	65-140				
Perfluorotetradecanoic acid (PFTA)	3.42	2.00	"	4.00		85.6	60-140				
N-MeFOSAA	2.88	2.00	"	4.00		72.0	50-140				
N-EtFOSAA	3.26	2.00	"	4.00		81.5	70-145				
Perfluoropentanoic acid (PFPeA)	6.38	4.00	"	8.00		79.7	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.30	2.00	"	4.00		82.4	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.80	1.91	"	3.82		73.2	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.66	1.93	"	3.86		69.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.6	7.60	"	15.2		76.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.8	7.68	"	15.4		76.8	60-150				
Perfluoro-n-butanoic acid (PFBA)	12.6	8.00	"	16.0		78.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.17	3.56	"	7.12		72.7	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.95	4.00	"	8.00		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.65	4.00	"	8.00		95.6	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.27	4.00	"	8.00		90.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.78	1.88	"	3.76		73.8	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.4	7.50	"	15.0		76.1	70-145				
HFPO-DA (Gen-X)	2.33	8.00	"	8.00		29.2	70-140	Low Bias			
11CL-PF3OUdS	5.87	7.56	"	7.56		77.7	55-160				
9CL-PF3ONS	6.21	7.48	"	7.48		83.0	70-155				
ADONA	6.92	7.56	"	7.56		91.5	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.03	1.94	"	3.88		52.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.02	1.92	"	3.84		78.6	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.9	10.0	"	16.0		86.9	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	67.3	50.0	"	80.0		84.1	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	66.1	50.0	"	80.0		82.7	50-145				
N-MeFOSE	34.3	20.0	"	40.0		85.8	70-145				
N-MeFOSA	3.56	2.00	"	4.00		88.9	60-150				
N-EtFOSE	35.6	20.0	"	40.0		89.0	70-135				
N-EtFOSA	3.55	2.00	"	4.00		88.8	65-145				
Surrogate: M3PFBS	*33.7*		"	*23.3*		*144*	*40-135*				
Surrogate: M5PFHxA	*31.8*		"	*25.0*		*127*	*40-130*				
Surrogate: M4PFHpA	*29.0*		"	*25.0*		*116*	*40-130*				
Surrogate: M3PFHxS	*31.7*		"	*23.7*		*134*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.2*		"	*25.0*		*125*	*40-130*				
Surrogate: M6PFDA	*16.4*		"	*12.5*		*131*	*40-130*				
Surrogate: M7PFUdA	*16.2*		"	*12.5*		*129*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.4*		"	*12.5*		*124*	*10-130*				
Surrogate: M2PFTeDA	*12.2*		"	*12.5*		*97.5*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

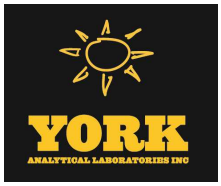
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
LCS (BK51376-BS2) LCS									Prepared: 11/21/2025 Analyzed: 11/22/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*127*		*ng/L*	*100*		*127*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.1*		*"*	*24.0*		*134*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*70.3*		*"*	*50.0*		*141*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.3*		*"*	*25.0*		*133*	*40-130*				
Surrogate: d3-N-MeFOSAA	*60.3*		*"*	*50.0*		*121*	*40-170*				
Surrogate: d5-N-EtFOSAA	*61.1*		*"*	*50.0*		*122*	*25-135*				
Surrogate: M2-6:2 FTS	*50.1*		*"*	*47.6*		*105*	*40-200*				
Surrogate: M2-8:2 FTS	*49.0*		*"*	*48.0*		*102*	*40-300*				
Surrogate: M9PFNA	*15.4*		*"*	*12.5*		*123*	*40-130*				
Surrogate: M2-4:2 FTS	*57.4*		*"*	*46.9*		*122*	*40-200*				
Surrogate: d-N-MeFOSA	*26.9*		*"*	*25.0*		*108*	*10-130*				
Surrogate: d-N-EtFOSA	*26.9*		*"*	*25.0*		*108*	*10-130*				
Surrogate: M3HFPO-DA	*128*		*"*	*100*		*128*	*40-130*				
Surrogate: d9-N-EtFOSE	*263*		*"*	*250*		*105*	*10-130*				
Surrogate: d7-N-MeFOSE	*283*		*"*	*250*		*113*	*10-130*				
Matrix Spike (BK51376-MS1) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)									Prepared: 11/21/2025 Analyzed: 11/23/2025		
Perfluorobutanesulfonic acid (PFBS)	34.1	1.76	ng/L	35.3	2.87	88.7	60-145				
Perfluorohexanoic acid (PFHxA)	45.8	1.99	"	39.8	9.99	89.8	70-145				
Perfluoroheptanoic acid (PFHpA)	43.9	1.99	"	39.8	6.34	94.3	70-150				
Perfluorohexanesulfonic acid (PFHxS)	37.9	1.82	"	36.5	4.96	90.4	65-145				
Perfluorooctanoic acid (PFOA)	62.7	1.99	"	39.8	26.2	91.6	70-150				
Perfluorooctanesulfonic acid (PFOS)	37.4	1.85	"	37.1	1.47	97.0	55-150				
Perfluorononanoic acid (PFNA)	37.3	1.99	"	39.8	ND	93.6	70-150				
Perfluorodecanoic acid (PFDA)	35.1	1.99	"	39.8	ND	88.1	70-140				
Perfluoroundecanoic acid (PFUnA)	39.2	1.99	"	39.8	ND	98.4	70-145				
Perfluorododecanoic acid (PFDoA)	33.0	1.99	"	39.8	ND	82.8	70-140				
Perfluorotridecanoic acid (PFTrDA)	37.9	1.99	"	39.8	ND	95.1	65-140				
Perfluorotetradecanoic acid (PFTA)	35.4	1.99	"	39.8	ND	88.9	60-140				
N-MeFOSAA	32.8	1.99	"	39.8	ND	82.4	50-140				
N-EtFOSAA	39.8	1.99	"	39.8	ND	99.8	70-145				
Perfluoropentanoic acid (PFPeA)	85.6	3.98	"	79.7	12.2	92.1	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	35.7	1.99	"	39.8	ND	89.7	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.4	1.90	"	38.0	ND	90.5	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	28.9	1.92	"	38.4	ND	75.2	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	140	7.57	"	151	ND	92.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	137	7.65	"	153	ND	89.8	60-150				
Perfluoro-n-butanoic acid (PFBA)	148	7.97	"	159	4.81	89.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	51.0	3.55	"	70.9	ND	71.9	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	100	3.98	"	79.7	ND	126	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	78.5	3.98	"	79.7	ND	98.5	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	75.5	3.98	"	79.7	ND	94.7	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	36.1	1.87	"	37.5	ND	96.5	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	136	7.47	"	149	ND	90.8	70-145				
HFPO-DA (Gen-X)	67.2	7.97	"	79.7	ND	84.3	70-140				
11CL-PF3OUdS	40.6	7.53	"	75.3	ND	54.0	55-160	Low Bias			
9CL-PF3ONS	44.1	7.45	"	74.5	ND	59.3	70-155	Low Bias			
ADONA	58.9	7.53	"	75.3	ND	78.2	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

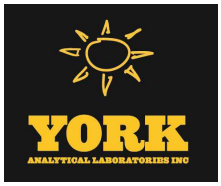
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
Matrix Spike (BK51376-MS1) Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)										Prepared: 11/21/2025 Analyzed: 11/23/2025
Perfluorododecanesulfonic acid (PFDoS)	27.7	1.93	ng/L	38.6	ND	71.7	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	32.3	1.91	"	38.2	ND	84.5	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	147	9.96	"	159	ND	92.2	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	722	49.8	"	797	ND	90.6	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	666	49.8	"	797	ND	83.6	50-145				
N-MeFOSE	349	19.9	"	398	ND	87.5	70-145				
N-MeFOSA	41.3	1.99	"	39.8	ND	104	60-150				
N-EtFOSE	404	19.9	"	398	ND	101	70-135				
N-EtFOSA	39.8	1.99	"	39.8	ND	99.9	65-145				
Surrogate: M3PFBS	*34.7*		"	*23.2*		*149*	*40-135*				
Surrogate: M5PFHxA	*34.1*		"	*24.9*		*137*	*40-130*				
Surrogate: M4PFHpA	*29.0*		"	*24.9*		*117*	*40-130*				
Surrogate: M3PFHxS	*31.5*		"	*23.6*		*133*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.6*		"	*24.9*		*131*	*40-130*				
Surrogate: M6PFDA	*15.3*		"	*12.5*		*123*	*40-130*				
Surrogate: M7PFUdA	*13.6*		"	*12.5*		*109*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.6*		"	*12.5*		*109*	*10-130*				
Surrogate: M2PFTeDA	*12.0*		"	*12.5*		*96.7*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*117*		"	*99.6*		*117*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.5*		"	*23.9*		*132*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*74.8*		"	*49.8*		*150*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.7*		"	*24.9*		*131*	*40-130*				
Surrogate: d3-N-MeFOSAA	*56.3*		"	*49.8*		*113*	*40-170*				
Surrogate: d5-N-EtFOSAA	*52.3*		"	*49.8*		*105*	*25-135*				
Surrogate: M2-6:2 FTS	*50.8*		"	*47.4*		*107*	*40-200*				
Surrogate: M2-8:2 FTS	*47.8*		"	*47.8*		*100*	*40-300*				
Surrogate: M9PFNA	*15.4*		"	*12.5*		*124*	*40-130*				
Surrogate: M2-4:2 FTS	*62.6*		"	*46.7*		*134*	*40-200*				
Surrogate: d-N-MeFOSA	*22.0*		"	*24.9*		*88.4*	*10-130*				
Surrogate: d-N-EtFOSA	*20.9*		"	*24.9*		*84.0*	*10-130*				
Surrogate: M3HFPO-DA	*140*		"	*99.6*		*141*	*40-130*				
Surrogate: d9-N-EtFOSE	*255*		"	*249*		*102*	*10-130*				
Surrogate: d7-N-MeFOSE	*293*		"	*249*		*118*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51376 - EPA 1633 Prep											
Matrix Spike Dup (BK51376- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared: 11/21/2025 Analyzed: 11/23/2025		
Perfluorobutanesulfonic acid (PFBS)	36.1	1.85	ng/L	37.0	2.87	89.8	60-145		5.69	35	
Perfluorohexanoic acid (PFHxA)	48.5	2.09	"	41.8	9.99	91.9	70-145		5.69	35	
Perfluoroheptanoic acid (PFHpA)	45.8	2.09	"	41.8	6.34	94.3	70-150		4.18	35	
Perfluorohexanesulfonic acid (PFHxS)	40.0	1.91	"	38.3	4.96	91.5	65-145		5.40	35	
Perfluorooctanoic acid (PFOA)	62.9	2.09	"	41.8	26.2	87.6	70-150		0.288	35	
Perfluorooctanesulfonic acid (PFOS)	43.4	1.95	"	38.9	1.47	108	55-150		14.9	35	
Perfluorononanoic acid (PFNA)	38.7	2.09	"	41.8	ND	92.6	70-150		3.78	35	
Perfluorodecanoic acid (PFDA)	37.0	2.09	"	41.8	ND	88.4	70-140		5.17	35	
Perfluoroundecanoic acid (PFUnA)	38.5	2.09	"	41.8	ND	92.0	70-145		1.80	35	
Perfluorododecanoic acid (PFDoA)	39.8	2.09	"	41.8	ND	95.2	70-140		18.7	35	
Perfluorotridecanoic acid (PFTrDA)	41.5	2.09	"	41.8	ND	99.2	65-140		9.11	35	
Perfluorotetradecanoic acid (PFTA)	39.3	2.09	"	41.8	ND	94.0	60-140		10.5	35	
N-MeFOSAA	38.8	2.09	"	41.8	ND	92.7	50-140		16.7	35	
N-EtFOSAA	40.6	2.09	"	41.8	ND	97.0	70-145		2.06	35	
Perfluoropentanoic acid (PFPeA)	89.3	4.18	"	83.7	12.2	92.2	65-135		4.30	35	
Perfluoro-1-octanesulfonamide (FOSA)	37.2	2.09	"	41.8	ND	88.9	70-145		4.00	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	42.3	2.00	"	40.0	ND	106	70-150		20.4	35	
Perfluoro-1-decanesulfonic acid (PFDS)	35.4	2.02	"	40.4	ND	87.7	60-145		20.3	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	142	7.95	"	159	ND	89.1	65-155		1.15	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	154	8.03	"	161	ND	95.7	60-150		11.3	35	
Perfluoro-n-butanoic acid (PFBA)	157	8.37	"	167	4.81	91.0	70-140		5.95	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	54.5	3.72	"	74.5	ND	73.1	70-140		6.59	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	113	4.18	"	83.7	ND	135	50-150		12.4	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	84.9	4.18	"	83.7	ND	101	55-140		7.83	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	80.3	4.18	"	83.7	ND	95.9	60-150		6.13	30	
Perfluoro-1-pentanesulfonate (PFPeS)	37.1	1.97	"	39.3	ND	94.5	65-140		2.75	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	139	7.85	"	157	ND	88.9	70-145		2.79	30	
HFPO-DA (Gen-X)	64.8	8.37	"	83.7	ND	77.4	70-140		3.69	30	
11CL-PF3OUdS	43.4	7.91	"	79.1	ND	54.9	55-160	Low Bias	6.66	30	
9CL-PF3ONS	48.0	7.82	"	78.2	ND	61.3	70-155	Low Bias	8.35	30	
ADONA	64.3	7.91	"	79.1	ND	81.3	65-145		8.83	30	
Perfluorododecanesulfonic acid (PFDoS)	34.2	2.03	"	40.6	ND	84.2	50-145		20.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	36.0	2.01	"	40.2	ND	89.7	65-145		10.9	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	146	10.5	"	167	ND	87.4	65-130		0.412	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	780	52.3	"	837	ND	93.2	70-135		7.81	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	718	52.3	"	837	ND	85.8	50-145		7.50	30	
N-MeFOSE	392	20.9	"	418	ND	93.6	70-145		11.6	30	
N-MeFOSA	42.2	2.09	"	41.8	ND	101	60-150		2.23	30	
N-EtFOSE	431	20.9	"	418	ND	103	70-135		6.61	30	
N-EtFOSA	41.3	2.09	"	41.8	ND	98.7	65-145		3.62	30	
Surrogate: M3PFBS	*39.7*		"	*24.4*		*163*	*40-135*				
Surrogate: M5PFHxA	*34.2*		"	*26.2*		*131*	*40-130*				
Surrogate: M4PFHpA	*29.6*		"	*26.2*		*113*	*40-130*				
Surrogate: M3PFHxS	*35.8*		"	*24.8*		*144*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.2*		"	*26.2*		*131*	*40-130*				
Surrogate: M6PFDA	*17.3*		"	*13.1*		*132*	*40-130*				
Surrogate: M7PFUdA	*16.4*		"	*13.1*		*125*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.2*		"	*13.1*		*108*	*10-130*				
Surrogate: M2PFTeDA	*13.4*		"	*13.1*		*103*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK51376 - EPA 1633 Prep

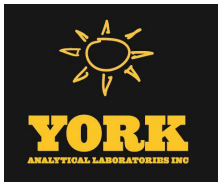
Matrix Spike Dup (BK51376- Matrix Spike Dup *Source sample: 25K1129-02 (MW-13_11202025) Prepared: 11/21/2025 Analyzed: 11/23/2025

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*121*		*ng/L*	*105*		*116*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.0*		*"*	*25.1*		*116*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.7*		*"*	*52.3*		*145*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.9*		*"*	*26.2*		*130*	*40-130*				
Surrogate: d3-N-MeFOSAA	*52.1*		*"*	*52.3*		*99.7*	*40-170*				
Surrogate: d5-N-EtFOSAA	*55.7*		*"*	*52.3*		*107*	*25-135*				
Surrogate: M2-6:2 FTS	*60.5*		*"*	*49.7*		*122*	*40-200*				
Surrogate: M2-8:2 FTS	*50.9*		*"*	*50.2*		*101*	*40-300*				
Surrogate: M9PFNA	*17.6*		*"*	*13.1*		*134*	*40-130*				
Surrogate: M2-4:2 FTS	*72.8*		*"*	*49.1*		*148*	*40-200*				
Surrogate: d-N-MeFOSA	*24.9*		*"*	*26.2*		*95.2*	*10-130*				
Surrogate: d-N-EtFOSA	*23.1*		*"*	*26.2*		*88.3*	*10-130*				
Surrogate: M3HFPO-DA	*137*		*"*	*105*		*131*	*40-130*				
Surrogate: d9-N-EtFOSE	*257*		*"*	*262*		*98.4*	*10-130*				
Surrogate: d7-N-MeFOSE	*286*		*"*	*262*		*110*	*10-130*				

Batch BL50056 - EPA 1633 Prep

Blank (BL50056-BLK1) Blank Prepared: 12/01/2025 Analyzed: 12/04/2025

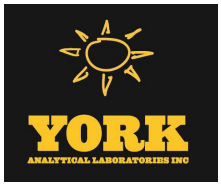
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

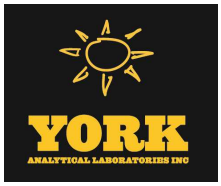
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
Blank (BL50056-BLK1) Blank									Prepared: 12/01/2025 Analyzed: 12/04/2025		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.3*		"	*23.3*		*126*	*40-135*				
Surrogate: M5PFHxA	*31.8*		"	*25.0*		*127*	*40-130*				
Surrogate: M4PFHpA	*31.8*		"	*25.0*		*127*	*40-130*				
Surrogate: M3PFHxS	*30.1*		"	*23.7*		*127*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.4*		"	*25.0*		*114*	*40-130*				
Surrogate: M6PFDA	*14.5*		"	*12.5*		*116*	*40-130*				
Surrogate: M7PFUdA	*14.1*		"	*12.5*		*112*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.2*		"	*12.5*		*97.5*	*10-130*				
Surrogate: M2PFTeDA	*11.0*		"	*12.5*		*87.7*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*118*		"	*100*		*118*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.2*		"	*24.0*		*126*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*62.3*		"	*50.0*		*125*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.9*		"	*25.0*		*99.7*	*40-130*				
Surrogate: d3-N-MeFOSAA	*53.1*		"	*50.0*		*106*	*40-170*				
Surrogate: d5-N-EtFOSAA	*52.0*		"	*50.0*		*104*	*25-135*				
Surrogate: M2-6:2 FTS	*98.7*		"	*47.6*		*208*	*40-200*				
Surrogate: M2-8:2 FTS	*95.3*		"	*48.0*		*199*	*40-300*				
Surrogate: M9PFNA	*15.4*		"	*12.5*		*123*	*40-130*				
Surrogate: M2-4:2 FTS	*91.7*		"	*46.9*		*196*	*40-200*				
Surrogate: d-N-MeFOSA	*21.9*		"	*25.0*		*87.7*	*10-130*				
Surrogate: d-N-EtFOSA	*16.8*		"	*25.0*		*67.1*	*10-130*				
Surrogate: M3HFPO-DA	*123*		"	*100*		*123*	*40-130*				
Surrogate: d9-N-EtFOSE	*181*		"	*250*		*72.4*	*10-130*				
Surrogate: d7-N-MeFOSE	*204*		"	*250*		*81.5*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
Blank (BL50056-BLK2) Blank									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*32.6*		"	*23.3*		*140*	*40-135*				
Surrogate: M5PFHxA	*32.8*		"	*25.0*		*131*	*40-130*				
Surrogate: M4PFHpA	*30.5*		"	*25.0*		*122*	*40-130*				
Surrogate: M3PFHxS	*30.5*		"	*23.7*		*129*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.8*		"	*25.0*		*135*	*40-130*				
Surrogate: M6PFDA	*17.4*		"	*12.5*		*139*	*40-130*				
Surrogate: M7PFUdA	*17.0*		"	*12.5*		*136*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.1*		"	*12.5*		*113*	*10-130*				
Surrogate: M2PFTeDA	*12.7*		"	*12.5*		*101*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
Blank (BL50056-BLK2) Blank									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*128*		*ng/L*	*100*		*128*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.7*		*"*	*24.0*		*124*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*67.2*		*"*	*50.0*		*134*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.4*		*"*	*25.0*		*130*	*40-130*				
Surrogate: d3-N-MeFOSAA	*66.8*		*"*	*50.0*		*134*	*40-170*				
Surrogate: d5-N-EtFOSAA	*65.6*		*"*	*50.0*		*131*	*25-135*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*47.6*		*147*	*40-200*				
Surrogate: M2-8:2 FTS	*65.6*		*"*	*48.0*		*137*	*40-300*				
Surrogate: M9PFNA	*15.3*		*"*	*12.5*		*122*	*40-130*				
Surrogate: M2-4:2 FTS	*70.7*		*"*	*46.9*		*151*	*40-200*				
Surrogate: d-N-MeFOSA	*22.1*		*"*	*25.0*		*88.2*	*10-130*				
Surrogate: d-N-EtFOSA	*20.6*		*"*	*25.0*		*82.4*	*10-130*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*40-130*				
Surrogate: d9-N-EtFOSE	*213*		*"*	*250*		*85.2*	*10-130*				
Surrogate: d7-N-MeFOSE	*240*		*"*	*250*		*96.1*	*10-130*				
LCS (BL50056-BS1) LCS									Prepared: 12/01/2025 Analyzed: 12/04/2025		
Perfluorobutanesulfonic acid (PFBS)	29.5	1.77	ng/L	35.4		83.3	60-145				
Perfluorohexanoic acid (PFHxA)	34.0	2.00	"	40.0		85.0	70-145				
Perfluoroheptanoic acid (PFHpA)	34.7	2.00	"	40.0		86.7	70-150				
Perfluorohexanesulfonic acid (PFHxS)	31.4	1.83	"	36.6		85.7	65-145				
Perfluorooctanoic acid (PFOA)	34.3	2.00	"	40.0		85.7	70-150				
Perfluorooctanesulfonic acid (PFOS)	31.9	1.86	"	37.2		85.9	55-150				
Perfluorononanoic acid (PFNA)	35.2	2.00	"	40.0		87.9	70-150				
Perfluorodecanoic acid (PFDA)	37.9	2.00	"	40.0		94.7	70-140				
Perfluoroundecanoic acid (PFUnA)	35.3	2.00	"	40.0		88.3	70-145				
Perfluorododecanoic acid (PFDoA)	35.7	2.00	"	40.0		89.3	70-140				
Perfluorotridecanoic acid (PFTrDA)	39.8	2.00	"	40.0		99.4	65-140				
Perfluorotetradecanoic acid (PFTA)	39.2	2.00	"	40.0		98.0	60-140				
N-MeFOSAA	32.7	2.00	"	40.0		81.8	50-140				
N-EtFOSAA	33.7	2.00	"	40.0		84.1	70-145				
Perfluoropentanoic acid (PFPeA)	68.4	4.00	"	80.0		85.5	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	34.6	2.00	"	40.0		86.5	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	31.4	1.91	"	38.2		82.1	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	29.7	1.93	"	38.6		76.8	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	128	7.60	"	152		84.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	133	7.68	"	154		86.4	60-150				
Perfluoro-n-butanoic acid (PFBA)	142	8.00	"	160		88.8	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	67.1	3.56	"	71.2		94.2	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	69.1	4.00	"	80.0		86.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	73.5	4.00	"	80.0		91.9	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	78.0	4.00	"	80.0		97.5	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	32.0	1.88	"	37.6		85.1	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	124	7.50	"	150		82.9	70-145				
HFPO-DA (Gen-X)	78.1	8.00	"	80.0		97.7	70-140				
11CL-PF3OUdS	62.8	7.56	"	75.6		83.0	55-160				
9CL-PF3ONS	68.4	7.48	"	74.8		91.5	70-155				
ADONA	69.3	7.56	"	75.6		91.6	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

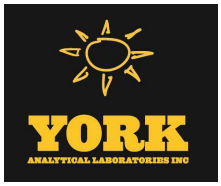
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS1) LCS									Prepared: 12/01/2025 Analyzed: 12/04/2025		
Perfluorododecanesulfonic acid (PFDoS)	27.7	1.94	ng/L	38.8		71.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	31.7	1.92	"	38.4		82.5	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	152	10.0	"	160		95.3	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	834	50.0	"	800		104	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	815	50.0	"	800		102	50-145				
N-MeFOSE	333	20.0	"	400		83.3	70-145				
N-MeFOSA	36.7	2.00	"	40.0		91.8	60-150				
N-EtFOSE	352	20.0	"	400		88.1	70-135				
N-EtFOSA	35.0	2.00	"	40.0		87.6	65-145				
Surrogate: M3PFBS	*35.4*		"	*23.3*		*152*	*40-135*				
Surrogate: M5PFHxA	*36.1*		"	*25.0*		*144*	*40-130*				
Surrogate: M4PFHpA	*34.7*		"	*25.0*		*139*	*40-130*				
Surrogate: M3PFHxS	*35.6*		"	*23.7*		*150*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.5*		"	*25.0*		*138*	*40-130*				
Surrogate: M6PFDA	*17.5*		"	*12.5*		*140*	*40-130*				
Surrogate: M7PFUdA	*17.1*		"	*12.5*		*137*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.0*		"	*12.5*		*120*	*10-130*				
Surrogate: M2PFTeDA	*14.7*		"	*12.5*		*117*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*129*		"	*100*		*129*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.6*		"	*24.0*		*140*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*68.3*		"	*50.0*		*137*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.0*		"	*25.0*		*116*	*40-130*				
Surrogate: d3-N-MeFOSAA	*64.9*		"	*50.0*		*130*	*40-170*				
Surrogate: d5-N-EtFOSAA	*64.0*		"	*50.0*		*128*	*25-135*				
Surrogate: M2-6:2 FTS	*107*		"	*47.6*		*226*	*40-200*				
Surrogate: M2-8:2 FTS	*110*		"	*48.0*		*230*	*40-300*				
Surrogate: M9PFNA	*16.9*		"	*12.5*		*135*	*40-130*				
Surrogate: M2-4:2 FTS	*99.2*		"	*46.9*		*211*	*40-200*				
Surrogate: d-N-MeFOSA	*24.7*		"	*25.0*		*98.7*	*10-130*				
Surrogate: d-N-EtFOSA	*21.1*		"	*25.0*		*84.4*	*10-130*				
Surrogate: M3HFPO-DA	*147*		"	*100*		*147*	*40-130*				
Surrogate: d9-N-EtFOSE	*197*		"	*250*		*78.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*232*		"	*250*		*92.9*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS2) LCS									Prepared: 12/01/2025 Analyzed: 12/04/2025		
Perfluorobutanesulfonic acid (PFBS)	2.50	1.77	ng/L	3.54		70.6	60-145				
Perfluorohexanoic acid (PFHxA)	3.01	2.00	"	4.00		75.3	70-145				
Perfluoroheptanoic acid (PFHpA)	3.27	2.00	"	4.00		81.9	70-150				
Perfluorohexanesulfonic acid (PFHxS)	2.64	1.83	"	3.66		72.2	65-145				
Perfluorooctanoic acid (PFOA)	3.30	2.00	"	4.00		82.6	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	1.86	"	3.72		94.4	55-150				
Perfluorononanoic acid (PFNA)	3.10	2.00	"	4.00		77.5	70-150				
Perfluorodecanoic acid (PFDA)	3.00	2.00	"	4.00		75.0	70-140				
Perfluoroundecanoic acid (PFUnA)	3.44	2.00	"	4.00		86.1	70-145				
Perfluorododecanoic acid (PFDoA)	3.33	2.00	"	4.00		83.2	70-140				
Perfluorotridecanoic acid (PFTrDA)	3.35	2.00	"	4.00		83.8	65-140				
Perfluorotetradecanoic acid (PFTA)	3.27	2.00	"	4.00		81.8	60-140				
N-MeFOSAA	3.17	2.00	"	4.00		79.1	50-140				
N-EtFOSAA	3.94	2.00	"	4.00		98.6	70-145				
Perfluoropentanoic acid (PFPeA)	6.16	4.00	"	8.00		77.0	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	2.99	2.00	"	4.00		74.8	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.81	1.91	"	3.82		73.5	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.44	1.93	"	3.86		63.3	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	10.5	7.60	"	15.2		69.2	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.9	7.68	"	15.4		84.2	60-150				
Perfluoro-n-butanoic acid (PFBA)	12.0	8.00	"	16.0		74.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.37	3.56	"	7.12		89.5	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.71	4.00	"	8.00		83.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.90	4.00	"	8.00		86.2	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.16	4.00	"	8.00		89.5	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.75	1.88	"	3.76		73.0	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.3	7.50	"	15.0		75.6	70-145				
HFPO-DA (Gen-X)	7.91	8.00	"	8.00		98.9	70-140				
11CL-PF3OUdS	5.21	7.56	"	7.56		68.9	55-160				
9CL-PF3ONS	6.17	7.48	"	7.48		82.5	70-155				
ADONA	5.62	7.56	"	7.56		74.4	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.64	1.94	"	3.88		67.9	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.87	1.92	"	3.84		74.9	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.3	10.0	"	16.0		95.4	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	80.4	50.0	"	80.0		100	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	83.5	50.0	"	80.0		104	50-145				
N-MeFOSE	33.9	20.0	"	40.0		84.7	70-145				
N-MeFOSA	3.98	2.00	"	4.00		99.4	60-150				
N-EtFOSE	34.3	20.0	"	40.0		85.9	70-135				
N-EtFOSA	4.07	2.00	"	4.00		102	65-145				
Surrogate: M3PFBS	*28.8*		"	*23.3*		*124*	*40-135*				
Surrogate: M5PFHxA	*34.0*		"	*25.0*		*136*	*40-130*				
Surrogate: M4PFHpA	*32.3*		"	*25.0*		*129*	*40-130*				
Surrogate: M3PFHxS	*30.8*		"	*23.7*		*130*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		"	*25.0*		*122*	*40-130*				
Surrogate: M6PFDA	*16.5*		"	*12.5*		*132*	*40-130*				
Surrogate: M7PFUdA	*15.1*		"	*12.5*		*121*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.3*		"	*12.5*		*106*	*10-130*				
Surrogate: M2PFTeDA	*12.8*		"	*12.5*		*102*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS2) LCS									Prepared: 12/01/2025 Analyzed: 12/04/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*124*		*ng/L*	*100*		*124*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.4*		*"*	*24.0*		*123*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.1*		*"*	*50.0*		*130*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.0*		*"*	*25.0*		*108*	*40-130*				
Surrogate: d3-N-MeFOSAA	*56.5*		*"*	*50.0*		*113*	*40-170*				
Surrogate: d5-N-EtFOSAA	*59.3*		*"*	*50.0*		*119*	*25-135*				
Surrogate: M2-6:2 FTS	*97.4*		*"*	*47.6*		*205*	*40-200*				
Surrogate: M2-8:2 FTS	*90.3*		*"*	*48.0*		*188*	*40-300*				
Surrogate: M9PFNA	*15.9*		*"*	*12.5*		*127*	*40-130*				
Surrogate: M2-4:2 FTS	*87.3*		*"*	*46.9*		*186*	*40-200*				
Surrogate: d-N-MeFOSA	*22.6*		*"*	*25.0*		*90.3*	*10-130*				
Surrogate: d-N-EtFOSA	*20.7*		*"*	*25.0*		*82.9*	*10-130*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*40-130*				
Surrogate: d9-N-EtFOSE	*193*		*"*	*250*		*77.1*	*10-130*				
Surrogate: d7-N-MeFOSE	*218*		*"*	*250*		*87.3*	*10-130*				
LCS (BL50056-BS3) LCS									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorobutanesulfonic acid (PFBS)	30.1	1.77	ng/L	35.4		85.1	60-145				
Perfluorohexanoic acid (PFHxA)	35.1	2.00	"	40.0		87.6	70-145				
Perfluoroheptanoic acid (PFHpA)	35.3	2.00	"	40.0		88.2	70-150				
Perfluorohexanesulfonic acid (PFHxS)	31.4	1.83	"	36.6		85.8	65-145				
Perfluorooctanoic acid (PFOA)	34.4	2.00	"	40.0		86.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	32.3	1.86	"	37.2		86.8	55-150				
Perfluorononanoic acid (PFNA)	35.3	2.00	"	40.0		88.2	70-150				
Perfluorodecanoic acid (PFDA)	37.3	2.00	"	40.0		93.3	70-140				
Perfluoroundecanoic acid (PFUnA)	34.9	2.00	"	40.0		87.2	70-145				
Perfluorododecanoic acid (PFDoA)	33.2	2.00	"	40.0		83.0	70-140				
Perfluorotridecanoic acid (PFTrDA)	34.9	2.00	"	40.0		87.3	65-140				
Perfluorotetradecanoic acid (PFTA)	35.7	2.00	"	40.0		89.3	60-140				
N-MeFOSAA	35.8	2.00	"	40.0		89.5	50-140				
N-EtFOSAA	32.5	2.00	"	40.0		81.3	70-145				
Perfluoropentanoic acid (PFPeA)	70.7	4.00	"	80.0		88.4	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	36.3	2.00	"	40.0		90.6	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	32.2	1.91	"	38.2		84.3	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	30.1	1.93	"	38.6		77.9	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	135	7.60	"	152		89.1	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	138	7.68	"	154		90.0	60-150				
Perfluoro-n-butanoic acid (PFBA)	142	8.00	"	160		88.7	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.0	3.56	"	71.2		91.3	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	93.5	4.00	"	80.0		117	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	83.2	4.00	"	80.0		104	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	78.0	4.00	"	80.0		97.5	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	30.7	1.88	"	37.6		81.5	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	132	7.50	"	150		88.2	70-145				
HFPO-DA (Gen-X)	82.3	8.00	"	80.0		103	70-140				
11CL-PF3OUdS	57.7	7.56	"	75.6		76.4	55-160				
9CL-PF3ONS	60.4	7.48	"	74.8		80.7	70-155				
ADONA	64.8	7.56	"	75.6		85.7	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS3) LCS									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorododecanesulfonic acid (PFDoS)	28.0	1.94	ng/L	38.8		72.1	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	31.9	1.92	"	38.4		83.1	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	159	10.0	"	160		99.4	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	742	50.0	"	800		92.7	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	765	50.0	"	800		95.6	50-145				
N-MeFOSE	354	20.0	"	400		88.6	70-145				
N-MeFOSA	33.9	2.00	"	40.0		84.9	60-150				
N-EtFOSE	374	20.0	"	400		93.4	70-135				
N-EtFOSA	32.1	2.00	"	40.0		80.3	65-145				
Surrogate: M3PFBS	*32.9*		"	*23.3*		*141*	*40-135*				
Surrogate: M5PFHxA	*32.4*		"	*25.0*		*130*	*40-130*				
Surrogate: M4PFHpA	*31.2*		"	*25.0*		*125*	*40-130*				
Surrogate: M3PFHxS	*31.0*		"	*23.7*		*131*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.0*		"	*25.0*		*128*	*40-130*				
Surrogate: M6PFDA	*15.3*		"	*12.5*		*123*	*40-130*				
Surrogate: M7PFUdA	*15.1*		"	*12.5*		*121*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.3*		"	*12.5*		*122*	*10-130*				
Surrogate: M2PFTeDA	*14.1*		"	*12.5*		*113*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*124*		"	*100*		*124*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.6*		"	*24.0*		*132*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.3*		"	*50.0*		*131*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.1*		"	*25.0*		*129*	*40-130*				
Surrogate: d3-N-MeFOSAA	*63.4*		"	*50.0*		*127*	*40-170*				
Surrogate: d5-N-EtFOSAA	*63.6*		"	*50.0*		*127*	*25-135*				
Surrogate: M2-6:2 FTS	*59.1*		"	*47.6*		*124*	*40-200*				
Surrogate: M2-8:2 FTS	*59.5*		"	*48.0*		*124*	*40-300*				
Surrogate: M9PFNA	*15.7*		"	*12.5*		*126*	*40-130*				
Surrogate: M2-4:2 FTS	*64.6*		"	*46.9*		*138*	*40-200*				
Surrogate: d-N-MeFOSA	*24.2*		"	*25.0*		*96.9*	*10-130*				
Surrogate: d-N-EtFOSA	*20.5*		"	*25.0*		*82.0*	*10-130*				
Surrogate: M3HFPO-DA	*142*		"	*100*		*142*	*40-130*				
Surrogate: d9-N-EtFOSE	*197*		"	*250*		*78.7*	*10-130*				
Surrogate: d7-N-MeFOSE	*221*		"	*250*		*88.5*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS4) LCS									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorobutanesulfonic acid (PFBS)	3.06	1.77	ng/L	3.54		86.5	60-145				
Perfluorohexanoic acid (PFHxA)	3.54	2.00	"	4.00		88.4	70-145				
Perfluoroheptanoic acid (PFHpA)	3.41	2.00	"	4.00		85.2	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.30	1.83	"	3.66		90.2	65-145				
Perfluorooctanoic acid (PFOA)	3.72	2.00	"	4.00		93.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.63	1.86	"	3.72		97.5	55-150				
Perfluorononanoic acid (PFNA)	3.47	2.00	"	4.00		86.8	70-150				
Perfluorodecanoic acid (PFDA)	3.41	2.00	"	4.00		85.3	70-140				
Perfluoroundecanoic acid (PFUnA)	3.35	2.00	"	4.00		83.7	70-145				
Perfluorododecanoic acid (PFDoA)	3.66	2.00	"	4.00		91.5	70-140				
Perfluorotridecanoic acid (PFTrDA)	3.79	2.00	"	4.00		94.7	65-140				
Perfluorotetradecanoic acid (PFTA)	3.65	2.00	"	4.00		91.2	60-140				
N-MeFOSAA	3.66	2.00	"	4.00		91.4	50-140				
N-EtFOSAA	3.30	2.00	"	4.00		82.4	70-145				
Perfluoropentanoic acid (PFPeA)	6.74	4.00	"	8.00		84.3	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	2.00	"	4.00		88.7	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.42	1.91	"	3.82		89.6	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.43	1.93	"	3.86		63.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.8	7.60	"	15.2		84.1	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.9	7.68	"	15.4		83.9	60-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	8.00	"	16.0		85.7	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.66	3.56	"	7.12		79.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.74	4.00	"	8.00		122	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.24	4.00	"	8.00		90.5	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.83	4.00	"	8.00		85.3	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.25	1.88	"	3.76		86.4	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.6	7.50	"	15.0		83.8	70-145				
HFPO-DA (Gen-X)	6.75	8.00	"	8.00		84.3	70-140				
11CL-PF3OUdS	6.36	7.56	"	7.56		84.1	55-160				
9CL-PF3ONS	6.81	7.48	"	7.48		91.0	70-155				
ADONA	7.64	7.56	"	7.56		101	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.11	1.94	"	3.88		54.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.90	1.92	"	3.84		75.5	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	12.0	10.0	"	16.0		74.8	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	61.8	50.0	"	80.0		77.3	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	70.8	50.0	"	80.0		88.5	50-145				
N-MeFOSE	38.4	20.0	"	40.0		95.9	70-145				
N-MeFOSA	3.89	2.00	"	4.00		97.2	60-150				
N-EtFOSE	38.0	20.0	"	40.0		95.1	70-135				
N-EtFOSA	4.14	2.00	"	4.00		103	65-145				
Surrogate: M3PFBS	*32.8*		"	*23.3*		*141*	*40-135*				
Surrogate: M5PFHxA	*31.9*		"	*25.0*		*128*	*40-130*				
Surrogate: M4PFHpA	*30.8*		"	*25.0*		*123*	*40-130*				
Surrogate: M3PFHxS	*31.0*		"	*23.7*		*131*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.1*		"	*25.0*		*125*	*40-130*				
Surrogate: M6PFDA	*16.3*		"	*12.5*		*130*	*40-130*				
Surrogate: M7PFUdA	*14.7*		"	*12.5*		*118*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		"	*12.5*		*116*	*10-130*				
Surrogate: M2PFTeDA	*13.5*		"	*12.5*		*108*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
LCS (BL50056-BS4) LCS									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*123*		*ng/L*	*100*		*123*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.2*		*"*	*24.0*		*126*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*66.9*		*"*	*50.0*		*134*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.5*		*"*	*25.0*		*126*	*40-130*				
Surrogate: d3-N-MeFOSAA	*57.1*		*"*	*50.0*		*114*	*40-170*				
Surrogate: d5-N-EtFOSAA	*58.5*		*"*	*50.0*		*117*	*25-135*				
Surrogate: M2-6:2 FTS	*68.6*		*"*	*47.6*		*144*	*40-200*				
Surrogate: M2-8:2 FTS	*65.6*		*"*	*48.0*		*137*	*40-300*				
Surrogate: M9PFNA	*14.9*		*"*	*12.5*		*119*	*40-130*				
Surrogate: M2-4:2 FTS	*71.0*		*"*	*46.9*		*151*	*40-200*				
Surrogate: d-N-MeFOSA	*21.1*		*"*	*25.0*		*84.6*	*10-130*				
Surrogate: d-N-EtFOSA	*20.1*		*"*	*25.0*		*80.3*	*10-130*				
Surrogate: M3HFPO-DA	*139*		*"*	*100*		*139*	*40-130*				
Surrogate: d9-N-EtFOSE	*197*		*"*	*250*		*78.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*210*		*"*	*250*		*84.0*	*10-130*				
Matrix Spike (BL50056-MS3) Matrix Spike *Source sample: 25K1129-02RE1 (MW-13_11202025)									Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorobutanesulfonic acid (PFBS)	31.7	1.76	ng/L	35.3	2.75	82.2	60-145				
Perfluorohexanoic acid (PFHxA)	44.9	1.99	"	39.8	10.4	86.6	70-145				
Perfluoroheptanoic acid (PFHpA)	44.5	1.99	"	39.8	7.27	93.4	70-150				
Perfluorohexanesulfonic acid (PFHxS)	35.5	1.82	"	36.4	5.10	83.5	65-145				
Perfluorooctanoic acid (PFOA)	60.0	1.99	"	39.8	26.9	83.0	70-150				
Perfluorooctanesulfonic acid (PFOS)	37.2	1.85	"	37.0	4.77	87.5	55-150				
Perfluorononanoic acid (PFNA)	33.3	1.99	"	39.8	ND	83.6	70-150				
Perfluorodecanoic acid (PFDA)	34.9	1.99	"	39.8	ND	87.7	70-140				
Perfluoroundecanoic acid (PFUnA)	35.5	1.99	"	39.8	ND	89.1	70-145				
Perfluorododecanoic acid (PFDoA)	36.3	1.99	"	39.8	ND	91.1	70-140				
Perfluorotridecanoic acid (PFTrDA)	35.9	1.99	"	39.8	ND	90.2	65-140				
Perfluorotetradecanoic acid (PFTA)	34.6	1.99	"	39.8	ND	86.8	60-140				
N-MeFOSAA	34.9	1.99	"	39.8	ND	87.6	50-140				
N-EtFOSAA	31.7	1.99	"	39.8	ND	79.5	70-145				
Perfluoropentanoic acid (PFPeA)	83.0	3.98	"	79.7	13.0	88.0	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	34.0	1.99	"	39.8	ND	85.3	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	32.2	1.90	"	38.0	ND	84.6	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	29.6	1.92	"	38.4	ND	77.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	136	7.57	"	151	ND	89.5	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	136	7.65	"	153	ND	88.9	60-150				
Perfluoro-n-butanoic acid (PFBA)	146	7.97	"	159	7.03	87.1	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	66.8	3.55	"	70.9	ND	94.3	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	74.5	3.98	"	79.7	ND	93.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	82.6	3.98	"	79.7	ND	104	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	78.0	3.98	"	79.7	ND	97.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	30.1	1.87	"	37.4	1.17	77.4	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	125	7.47	"	149	ND	84.0	70-145				
HFPO-DA (Gen-X)	67.8	7.97	"	79.7	ND	85.1	70-140				
11CL-PF3OUdS	63.4	7.53	"	75.3	ND	84.2	55-160				
9CL-PF3ONS	71.8	7.45	"	74.5	ND	96.4	70-155				
ADONA	66.6	7.53	"	75.3	ND	88.5	65-145				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
Matrix Spike (BL50056-MS3) Matrix Spike	*Source sample: 25K1129-02RE1 (MW-13_11202025)								Prepared: 12/01/2025 Analyzed: 12/10/2025		
Perfluorododecanesulfonic acid (PFDoS)	26.3	1.93	ng/L	38.6	ND	68.1	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	32.4	1.91	"	38.2	ND	84.7	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	158	9.96	"	159	ND	99.2	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	753	49.8	"	797	ND	94.5	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	854	49.8	"	797	ND	107	50-145				
N-MeFOSE	361	19.9	"	398	ND	90.6	70-145				
N-MeFOSA	37.7	1.99	"	39.8	ND	94.6	60-150				
N-EtFOSE	409	19.9	"	398	ND	103	70-135				
N-EtFOSA	34.2	1.99	"	39.8	ND	85.9	65-145				
Surrogate: M3PFBS	*31.4*		"	*23.2*		*135*	*40-135*				
Surrogate: M5PFHxA	*33.8*		"	*24.9*		*136*	*40-130*				
Surrogate: M4PFHpA	*30.1*		"	*24.9*		*121*	*40-130*				
Surrogate: M3PFHxS	*30.2*		"	*23.6*		*128*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.1*		"	*24.9*		*129*	*40-130*				
Surrogate: M6PFDA	*15.2*		"	*12.4*		*122*	*40-130*				
Surrogate: M7PFUdA	*14.0*		"	*12.4*		*112*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.8*		"	*12.4*		*103*	*10-130*				
Surrogate: M2PFTeDA	*11.4*		"	*12.4*		*91.5*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*127*		"	*99.6*		*127*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.2*		"	*23.8*		*131*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*69.6*		"	*49.8*		*140*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*34.6*		"	*24.9*		*139*	*40-130*				
Surrogate: d3-N-MeFOSAA	*62.0*		"	*49.8*		*125*	*40-170*				
Surrogate: d5-N-EtFOSAA	*60.1*		"	*49.8*		*121*	*25-135*				
Surrogate: M2-6:2 FTS	*61.4*		"	*47.4*		*130*	*40-200*				
Surrogate: M2-8:2 FTS	*65.6*		"	*47.8*		*137*	*40-300*				
Surrogate: M9PFNA	*15.7*		"	*12.4*		*126*	*40-130*				
Surrogate: M2-4:2 FTS	*66.0*		"	*46.7*		*141*	*40-200*				
Surrogate: d-N-MeFOSA	*23.9*		"	*24.9*		*96.0*	*10-130*				
Surrogate: d-N-EtFOSA	*21.7*		"	*24.9*		*87.1*	*10-130*				
Surrogate: M3HFPO-DA	*142*		"	*99.6*		*142*	*40-130*				
Surrogate: d9-N-EtFOSE	*230*		"	*249*		*92.3*	*10-130*				
Surrogate: d7-N-MeFOSE	*266*		"	*249*		*107*	*10-130*				

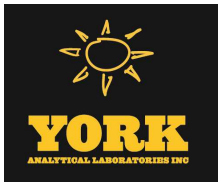
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BL50056 - EPA 1633 Prep

Matrix Spike Dup (BL50056-I Matrix Spike Dup *Source sample: 25K1129-02RE1 (MW-13_11202025) Prepared: 12/01/2025 Analyzed: 12/10/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	35.4	2.00	ng/L	39.9	2.75	81.6	60-145		10.9	35	
Perfluorohexanoic acid (PFHxA)	49.8	2.26	"	45.1	10.4	87.3	70-145		10.3	35	
Perfluoroheptanoic acid (PFHpA)	52.7	2.26	"	45.1	7.27	101	70-150		17.0	35	
Perfluorohexanesulfonic acid (PFHxS)	37.8	2.06	"	41.3	5.10	79.2	65-145		6.18	35	
Perfluorooctanoic acid (PFOA)	65.5	2.26	"	45.1	26.9	85.4	70-150		8.74	35	
Perfluorooctanesulfonic acid (PFOS)	40.9	2.10	"	42.0	4.77	86.2	55-150		9.64	35	
Perfluorononanoic acid (PFNA)	37.9	2.26	"	45.1	ND	84.0	70-150		12.9	35	
Perfluorodecanoic acid (PFDA)	39.1	2.26	"	45.1	ND	86.6	70-140		11.2	35	
Perfluoroundecanoic acid (PFUnA)	40.2	2.26	"	45.1	ND	89.0	70-145		12.4	35	
Perfluorododecanoic acid (PFDoA)	41.4	2.26	"	45.1	ND	91.6	70-140		13.1	35	
Perfluorotridecanoic acid (PFTrDA)	41.2	2.26	"	45.1	ND	91.3	65-140		13.7	35	
Perfluorotetradecanoic acid (PFTA)	39.4	2.26	"	45.1	ND	87.2	60-140		13.0	35	
N-MeFOSAA	39.0	2.26	"	45.1	ND	86.4	50-140		11.1	35	
N-EtFOSAA	38.0	2.26	"	45.1	ND	84.3	70-145		18.2	35	
Perfluoropentanoic acid (PFPeA)	92.1	4.51	"	90.3	13.0	87.7	65-135		10.3	35	
Perfluoro-1-octanesulfonamide (FOSA)	39.2	2.26	"	45.1	ND	87.0	70-145		14.4	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.2	2.16	"	43.1	ND	81.6	70-150		8.87	35	
Perfluoro-1-decanesulfonic acid (PFDS)	32.8	2.18	"	43.6	ND	75.3	60-145		10.3	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	150	8.58	"	172	ND	87.6	65-155		10.4	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	149	8.67	"	173	ND	86.1	60-150		9.35	35	
Perfluoro-n-butanoic acid (PFBA)	165	9.03	"	181	7.03	87.7	70-140		12.6	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	76.9	4.02	"	80.3	ND	95.7	70-140		14.0	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	94.6	4.51	"	90.3	ND	105	50-150		23.8	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	94.1	4.51	"	90.3	ND	104	55-140		12.9	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	88.0	4.51	"	90.3	ND	97.5	60-150		12.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	31.2	2.12	"	42.4	1.17	70.7	65-140		3.37	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	144	8.46	"	169	ND	84.9	70-145		13.6	30	
HFPO-DA (Gen-X)	86.2	9.03	"	90.3	ND	95.4	70-140		23.9	30	
11CL-PF3OUdS	72.3	8.53	"	85.3	ND	84.7	55-160		13.1	30	
9CL-PF3ONS	81.0	8.44	"	84.4	ND	96.0	70-155		12.1	30	
ADONA	76.4	8.53	"	85.3	ND	89.6	65-145		13.7	30	
Perfluorododecanesulfonic acid (PFDoS)	31.9	2.19	"	43.8	ND	73.0	50-145		19.3	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	37.2	2.17	"	43.3	ND	85.9	65-145		13.9	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	176	11.3	"	181	ND	97.7	65-130		11.0	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	817	56.4	"	903	ND	90.5	70-135		8.16	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	967	56.4	"	903	ND	107	50-145		12.3	30	
N-MeFOSE	394	22.6	"	451	ND	87.2	70-145		8.72	30	
N-MeFOSA	38.7	2.26	"	45.1	ND	85.8	60-150		2.73	30	
N-EtFOSE	470	22.6	"	451	ND	104	70-135		14.1	30	
N-EtFOSA	35.3	2.26	"	45.1	ND	78.2	65-145		3.11	30	
Surrogate: M3PFBS	*36.7*		"	*26.3*		*140*	*40-135*				
Surrogate: M5PFHxA	*38.3*		"	*28.2*		*136*	*40-130*				
Surrogate: M4PFHpA	*32.1*		"	*28.2*		*114*	*40-130*				
Surrogate: M3PFHxS	*37.4*		"	*26.7*		*140*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*38.3*		"	*28.2*		*136*	*40-130*				
Surrogate: M6PFDA	*18.2*		"	*14.1*		*129*	*40-130*				
Surrogate: M7PFUdA	*17.0*		"	*14.1*		*120*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.3*		"	*14.1*		*108*	*10-130*				
Surrogate: M2PFTeDA	*14.5*		"	*14.1*		*103*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50056 - EPA 1633 Prep											
Matrix Spike Dup (BL50056-I Matrix Spike Dup	*Source sample: 25K1129-02RE1 (MW-13_11202025)									Prepared: 12/01/2025 Analyzed: 12/10/2025	
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*154*		*ng/L*	*113*		*136*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.0*		*"*	*27.0*		*126*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*79.6*		*"*	*56.4*		*141*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.0*		*"*	*28.2*		*131*	*40-130*				
Surrogate: d3-N-MeFOSAA	*68.8*		*"*	*56.4*		*122*	*40-170*				
Surrogate: d5-N-EtFOSAA	*65.5*		*"*	*56.4*		*116*	*25-135*				
Surrogate: M2-6:2 FTS	*73.7*		*"*	*53.7*		*137*	*40-200*				
Surrogate: M2-8:2 FTS	*80.4*		*"*	*54.2*		*148*	*40-300*				
Surrogate: M9PFNA	*19.5*		*"*	*14.1*		*138*	*40-130*				
Surrogate: M2-4:2 FTS	*80.0*		*"*	*52.9*		*151*	*40-200*				
Surrogate: d-N-MeFOSA	*26.4*		*"*	*28.2*		*93.7*	*10-130*				
Surrogate: d-N-EtFOSA	*25.1*		*"*	*28.2*		*88.8*	*10-130*				
Surrogate: M3HFPO-DA	*158*		*"*	*113*		*140*	*40-130*				
Surrogate: d9-N-EtFOSE	*258*		*"*	*282*		*91.6*	*10-130*				
Surrogate: d7-N-MeFOSE	*303*		*"*	*282*		*107*	*10-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51360 - EPA SW846-3510C Low Level											
Blank (BK51360-BLK1) Blank									Prepared & Analyzed: 11/21/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.149*		"	*0.200*		*74.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.108*		"	*0.200*		*54.0*	*30-150*				
LCS (BK51360-BS1) LCS									Prepared & Analyzed: 11/21/2025		
4,4'-DDD	0.0758	0.00400	ug/L	0.100		75.8	40-140			20	
4,4'-DDE	0.0685	0.00400	"	0.100		68.5	40-140			20	
4,4'-DDT	0.0743	0.00400	"	0.100		74.3	40-140			20	
Aldrin	0.0532	0.00400	"	0.100		53.2	40-140			20	
alpha-BHC	0.0575	0.00400	"	0.100		57.5	40-140			20	
alpha-Chlordane	0.0604	0.00400	"	0.100		60.4	40-140			20	
beta-BHC	0.0639	0.00400	"	0.100		63.9	40-140			20	
delta-BHC	0.0525	0.00400	"	0.100		52.5	40-140			20	
Dieldrin	0.0668	0.00200	"	0.100		66.8	40-140			20	
Endosulfan I	0.0597	0.00400	"	0.100		59.7	40-140			20	
Endosulfan II	0.0704	0.00400	"	0.100		70.4	40-140			20	
Endosulfan sulfate	0.0697	0.00400	"	0.100		69.7	40-140			20	
Endrin	0.0706	0.00400	"	0.100		70.6	40-140			20	
Endrin aldehyde	0.0712	0.0100	"	0.100		71.2	40-140			20	
Endrin ketone	0.0836	0.0100	"	0.100		83.6	40-140			20	
gamma-BHC (Lindane)	0.0585	0.00400	"	0.100		58.5	40-140			20	
gamma-Chlordane	0.0627	0.0100	"	0.100		62.7	40-140			20	
Heptachlor	0.0604	0.00400	"	0.100		60.4	40-140			20	
Heptachlor epoxide	0.0648	0.00400	"	0.100		64.8	40-140			20	
Methoxychlor	0.0996	0.00400	"	0.100		99.6	40-140			20	
Surrogate: Decachlorobiphenyl	*0.142*		"	*0.200*		*71.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.111*		"	*0.200*		*55.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51360 - EPA SW846-3510C Low Level											
Matrix Spike (BK51360-MS1) Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025		
4,4'-DDD	0.0744	0.00400	ug/L	0.100	ND	74.4	30-150			20	
4,4'-DDE	0.0684	0.00400	"	0.100	ND	68.4	30-150			20	
4,4'-DDT	0.0752	0.00400	"	0.100	ND	75.2	30-150			20	
Aldrin	0.0542	0.00400	"	0.100	ND	54.2	30-150			20	
alpha-BHC	0.0569	0.00400	"	0.100	ND	56.9	30-150			20	
alpha-Chlordane	0.0586	0.00400	"	0.100	ND	58.6	30-150			20	
beta-BHC	0.0631	0.00400	"	0.100	ND	63.1	30-150			20	
delta-BHC	0.0530	0.00400	"	0.100	ND	53.0	30-150			20	
Dieldrin	0.0670	0.00200	"	0.100	ND	67.0	30-150			20	
Endosulfan I	0.0584	0.00400	"	0.100	ND	58.4	30-150			20	
Endosulfan II	0.0676	0.00400	"	0.100	ND	67.6	30-150			20	
Endosulfan sulfate	0.0694	0.00400	"	0.100	ND	69.4	30-150			20	
Endrin	0.0697	0.00400	"	0.100	ND	69.7	30-150			20	
Endrin aldehyde	0.0594	0.0100	"	0.100	ND	59.4	30-150			20	
Endrin ketone	0.0838	0.0100	"	0.100	ND	83.8	30-150			20	
gamma-BHC (Lindane)	0.0586	0.00400	"	0.100	ND	58.6	30-150			20	
gamma-Chlordane	0.0602	0.0100	"	0.100	ND	60.2	30-150			20	
Heptachlor	0.0619	0.00400	"	0.100	ND	61.9	30-150			20	
Heptachlor epoxide	0.0634	0.00400	"	0.100	ND	63.4	30-150			20	
Methoxychlor	0.105	0.00400	"	0.100	ND	105	30-150			20	
Surrogate: Decachlorobiphenyl	*0.154*		*"*	*0.200*		*77.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.100*		*"*	*0.200*		*50.2*	*30-150*				
Matrix Spike Dup (BK51360- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025		
4,4'-DDD	0.0763	0.00400	ug/L	0.100	ND	76.3	30-150		2.49	20	
4,4'-DDE	0.0682	0.00400	"	0.100	ND	68.2	30-150		0.363	20	
4,4'-DDT	0.0767	0.00400	"	0.100	ND	76.7	30-150		1.96	20	
Aldrin	0.0515	0.00400	"	0.100	ND	51.5	30-150		5.10	20	
alpha-BHC	0.0558	0.00400	"	0.100	ND	55.8	30-150		1.83	20	
alpha-Chlordane	0.0605	0.00400	"	0.100	ND	60.5	30-150		3.12	20	
beta-BHC	0.0687	0.00400	"	0.100	ND	68.7	30-150		8.56	20	
delta-BHC	0.0548	0.00400	"	0.100	ND	54.8	30-150		3.39	20	
Dieldrin	0.0672	0.00200	"	0.100	ND	67.2	30-150		0.218	20	
Endosulfan I	0.0588	0.00400	"	0.100	ND	58.8	30-150		0.739	20	
Endosulfan II	0.0721	0.00400	"	0.100	ND	72.1	30-150		6.46	20	
Endosulfan sulfate	0.0737	0.00400	"	0.100	ND	73.7	30-150		6.02	20	
Endrin	0.0711	0.00400	"	0.100	ND	71.1	30-150		2.07	20	
Endrin aldehyde	0.0700	0.0100	"	0.100	ND	70.0	30-150		16.5	20	
Endrin ketone	0.0896	0.0100	"	0.100	ND	89.6	30-150		6.74	20	
gamma-BHC (Lindane)	0.0587	0.00400	"	0.100	ND	58.7	30-150		0.244	20	
gamma-Chlordane	0.0622	0.0100	"	0.100	ND	62.2	30-150		3.32	20	
Heptachlor	0.0601	0.00400	"	0.100	ND	60.1	30-150		2.94	20	
Heptachlor epoxide	0.0638	0.00400	"	0.100	ND	63.8	30-150		0.725	20	
Methoxychlor	0.114	0.00400	"	0.100	ND	114	30-150		8.36	20	
Surrogate: Decachlorobiphenyl	*0.161*		*"*	*0.200*		*80.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0978*		*"*	*0.200*		*48.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51361 - EPA SW846-3510C Low Level											
Blank (BK51361-BLK2) Blank								Prepared & Analyzed: 11/21/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0960*		"	*0.200*		*48.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.143*		"	*0.200*		*71.5*	*30-120*				
LCS (BK51361-BS2) LCS								Prepared & Analyzed: 11/21/2025			
Aroclor 1016	0.474	0.0500	ug/L	1.00		47.4	40-120				
Aroclor 1260	0.475	0.0500	"	1.00		47.5	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0660*		"	*0.200*		*33.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0610*		"	*0.200*		*30.5*	*30-120*				
Matrix Spike (BK51361-MS2) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025			
Aroclor 1016	0.572	0.0500	ug/L	1.00	ND	57.2	40-140				
Aroclor 1260	0.549	0.0500	"	1.00	ND	54.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0810*		"	*0.200*		*40.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0970*		"	*0.200*		*48.5*	*30-120*				
Matrix Spike Dup (BK51361- Matrix Spike Dup *Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025			
Aroclor 1016	0.508	0.0500	ug/L	1.00	ND	50.8	40-140		11.9	50	
Aroclor 1260	0.519	0.0500	"	1.00	ND	51.9	40-140		5.62	50	
Surrogate: Tetrachloro-m-xylene	*0.0670*		"	*0.200*		*33.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.102*		"	*0.200*		*51.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51551 - EPA 8151A											
Blank (BK51551-BLK1) Blank								Prepared & Analyzed: 11/25/2025			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*72.0*		*"*	*125*		*57.6*	*30-150*				
LCS (BK51551-BS1) LCS								Prepared & Analyzed: 11/25/2025			
2,4,5-T	14.2	5.00	ug/L	20.0		71.2	10-140				
2,4,5-TP (Silvex)	17.2	5.00	"	20.0		86.2	10-139				
2,4-D	17.5	5.00	"	20.0		87.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*118*		*"*	*125*		*94.8*	*30-150*				
Matrix Spike (BK51551-MS1) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/25/2025			
2,4,5-T	17.5	5.00	ug/L	20.0	ND	87.5	30-150				
2,4,5-TP (Silvex)	48.0	5.00	"	20.0	ND	240	30-150	High Bias			
2,4-D	20.2	5.00	"	20.0	ND	101	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*147*		*"*	*125*		*118*	*30-150*				
Matrix Spike Dup (BK51551- Matrix Spike Dup *Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/25/2025			
2,4,5-T	20.8	5.00	ug/L	20.0	ND	104	30-150		17.0	30	
2,4,5-TP (Silvex)	51.8	5.00	"	20.0	ND	259	30-150	High Bias	7.52	30	
2,4-D	23.2	5.00	"	20.0	ND	116	30-150		13.8	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*175*		*"*	*125*		*140*	*30-150*				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51428 - EPA 3015A											
Blank (BK51428-BLK1) Blank											Prepared: 11/22/2025 Analyzed: 11/23/2025
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00667	"								
Magnesium	ND	0.0667	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	1.11	"								
Selenium	ND	0.0278	"								
Silver	ND	0.00667	"								
Sodium	ND	1.11	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BK51428-BS1) LCS											Prepared: 11/22/2025 Analyzed: 11/23/2025
Aluminum	2.08		ug/mL	2.00		104	80-120				
Barium	2.05		"	2.00		103	80-120				
Calcium	1.01		"	1.00		101	80-120				
Chromium	0.209		"	0.200		104	80-120				
Cobalt	0.509		"	0.500		102	80-120				
Copper	0.262		"	0.250		105	80-120				
Iron	0.983		"	1.00		98.3	80-120				
Lead	0.522		"	0.500		104	80-120				
Magnesium	0.985		"	1.00		98.5	80-120				
Manganese	0.512		"	0.500		102	80-120				
Nickel	0.522		"	0.500		104	80-120				
Potassium	0.941		"	1.00		94.1	80-120				
Selenium	1.96		"	2.00		98.0	80-120				
Silver	0.0476		"	0.0500		95.2	80-120				
Sodium	0.871		"	1.00		87.1	80-120				
Vanadium	0.501		"	0.500		100	80-120				
Zinc	0.494		"	0.500		98.9	80-120				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51435 - EPA SW846-7470A												
Blank (BK51435-BLK1)	Blank									Prepared & Analyzed: 11/23/2025		
Mercury		ND	0.0002	mg/L								
LCS (BK51435-BS1)	LCS									Prepared & Analyzed: 11/23/2025		
Mercury		0.0019548	0.0002	mg/L	0.00200		97.7	80-120				
Duplicate (BK51435-DUP1)	Duplicate	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BK51435-MS1)	Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury		0.0020	0.0002	mg/L	0.00200	ND	98.1	75-125				
Matrix Spike Dup (BK51435-	Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury		0.0020	0.0002	mg/L	0.00200	ND	97.7	75-125		0.312	200	
Batch BK51460 - EPA 3015A												
Blank (BK51460-BLK1)	Blank									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum		ND	0.556	mg/L								
Barium		ND	0.0278	"								
Calcium		ND	0.556	"								
Chromium		ND	0.00556	"								
Cobalt		ND	0.00444	"								
Copper		ND	0.0222	"								
Iron		ND	0.278	"								
Lead		ND	0.00667	"								
Magnesium		ND	0.0667	"								
Manganese		ND	0.00556	"								
Nickel		ND	0.0111	"								
Potassium		ND	1.11	"								
Selenium		ND	0.0278	"								
Silver		ND	0.00667	"								
Sodium		ND	1.11	"								
Vanadium		ND	0.0111	"								
Zinc		ND	0.0278	"								

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51460 - EPA 3015A											
LCS (BK51460-BS1) LCS									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	1.94		ug/mL	2.00		97.1	80-120				
Barium	1.96		"	2.00		98.1	80-120				
Calcium	0.959		"	1.00		95.9	80-120				
Chromium	0.192		"	0.200		96.0	80-120				
Cobalt	0.494		"	0.500		98.7	80-120				
Copper	0.249		"	0.250		99.4	80-120				
Iron	0.932		"	1.00		93.2	80-120				
Lead	0.484		"	0.500		96.9	80-120				
Magnesium	0.973		"	1.00		97.3	80-120				
Manganese	0.490		"	0.500		97.9	80-120				
Nickel	0.491		"	0.500		98.2	80-120				
Potassium	0.997		"	1.00		99.7	80-120				
Selenium	1.81		"	2.00		90.3	80-120				
Silver	0.0463		"	0.0500		92.6	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.477		"	0.500		95.4	80-120				
Zinc	0.466		"	0.500		93.1	80-120				
Duplicate (BK51460-DUP1) Duplicate *Source sample: 25K1129-02 (MW-13_11202025)									Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	ND	0.556	mg/L		ND					20	
Barium	0.111	0.0278	"		0.111				0.601	20	
Calcium	78.5	0.556	"		77.5				1.24	20	
Chromium	0.000889	0.00556	"		0.00133				40.0	20	Non-dir.
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	0.139	0.278	"		0.210				40.6	20	Non-dir.
Lead	ND	0.00667	"		ND					20	
Magnesium	27.5	0.0667	"		27.0				1.76	20	
Manganese	0.0267	0.00556	"		0.0267				0.00	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	2.64	1.11	"		2.70				2.29	20	
Selenium	ND	0.0278	"		ND					20	
Silver	ND	0.00667	"		ND					20	
Sodium	106	1.11	"		105				0.975	20	
Vanadium	0.00133	0.0111	"		0.00167				22.2	20	Non-dir.
Zinc	ND	0.0278	"		ND					20	

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51460 - EPA 3015A											
Matrix Spike (BK51460-MS1) Matrix Spike		*Source sample: 25K1129-02 (MW-13_11202025)							Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	2.16	0.556	mg/L	2.22	ND	97.2	75-125				
Barium	2.21	0.0278	"	2.22	0.111	94.6	75-125				
Calcium	78.7	0.556	"	1.11	77.5	106	75-125				
Chromium	0.216	0.00556	"	0.222	0.00133	96.6	75-125				
Cobalt	0.526	0.00444	"	0.556	ND	94.6	75-125				
Copper	0.290	0.0222	"	0.278	ND	104	75-125				
Iron	1.19	0.278	"	1.11	0.210	88.5	75-125				
Lead	0.516	0.00667	"	0.556	ND	92.9	75-125				
Magnesium	28.3	0.0667	"	1.11	27.0	120	75-125				
Manganese	0.553	0.00556	"	0.556	0.0267	94.7	75-125				
Nickel	0.526	0.0111	"	0.556	ND	94.6	75-125				
Potassium	3.89	1.11	"	1.11	2.70	108	75-125				
Selenium	2.08	0.0278	"	2.22	ND	93.8	75-125				
Silver	0.0519	0.00667	"	0.0556	ND	93.4	75-125				
Sodium	106	1.11	"	1.11	105	94.7	75-125				
Vanadium	0.533	0.0111	"	0.556	0.00167	95.6	75-125				
Zinc	0.505	0.0278	"	0.556	ND	90.8	75-125				
Post Spike (BK51460-PS1) Post Spike		*Source sample: 25K1129-02 (MW-13_11202025)							Prepared: 11/24/2025 Analyzed: 11/25/2025		
Aluminum	2.34		ug/mL	2.00	0.0281	115	75-125				
Barium	2.37		"	2.00	0.0996	114	75-125				
Calcium	70.8		"	1.00	69.8	99.3	75-125				
Chromium	0.234		"	0.200	0.00120	116	75-125				
Cobalt	0.572		"	0.500	-0.000400	114	75-125				
Copper	0.312		"	0.250	0.000900	124	75-125				
Iron	1.34		"	1.00	0.189	115	75-125				
Lead	0.550		"	0.500	-0.00180	110	75-125				
Magnesium	25.5		"	1.00	24.3	120	75-125				
Manganese	0.594		"	0.500	0.0240	114	75-125				
Nickel	0.568		"	0.500	-0.000100	114	75-125				
Potassium	3.65		"	1.00	2.43	122	75-125				
Selenium	2.21		"	2.00	0.000800	111	75-125				
Silver	0.0646		"	0.0500	-0.000400	129	75-125	High Bias			
Sodium	95.3		"	1.00	94.6	68.5	75-125	Low Bias			
Vanadium	0.576		"	0.500	0.00150	115	75-125				
Zinc	0.542		"	0.500	0.00130	108	75-125				

Metals Total - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51519 - EPA 3015A											
Blank (BK51519-BLK1) Blank										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Thallium	ND	1.11	"								
LCS (BK51519-BS1) LCS										Prepared: 11/24/2025 Analyzed: 11/26/2025	
Antimony	48.1		ug/L	50.0		96.3	80-120				
Arsenic	47.8		"	50.0		95.6	80-120				
Beryllium	49.1		"	50.0		98.3	80-120				
Cadmium	47.7		"	50.0		95.5	80-120				
Thallium	47.7		"	50.0		95.3	80-120				
Duplicate (BK51519-DUP2) Duplicate *Source sample: 25K1129-02 (MW-13_11202025)										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Thallium	1.51	1.11	"		1.52				0.857	20	
Matrix Spike (BK51519-MS2) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony	44.7		ug/L	50.0	-0.843	89.5	75-125				
Arsenic	42.1		"	50.0	-0.066	84.1	75-125				
Beryllium	22.7		"	50.0	-0.016	45.3	75-125	Low Bias			
Cadmium	42.3		"	50.0	-0.044	84.7	75-125				
Thallium	46.7		"	50.0	1.37	90.7	75-125				

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51436 - EPA SW846-7470A												
Blank (BK51436-BLK1)	Blank									Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BK51436-BS1)	LCS									Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved		0.0020	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BK51436-DUP1)	Duplicate	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved		ND	0.0002	mg/L		ND					20	
Matrix Spike (BK51436-MS1)	Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved		0.0021	0.0002	mg/L	0.00200	ND	106	75-125				
Matrix Spike Dup (BK51436-	Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/23/2025		
Mercury - Dissolved		0.0020	0.0002	mg/L	0.00200	ND	101	75-125		4.68	20	
Batch BK51464 - EPA 3015A												
Blank (BK51464-BLK1)	Blank									Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved		ND	0.556	mg/L								
Barium - Dissolved		ND	0.0278	"								
Calcium - Dissolved		ND	0.556	"								
Chromium - Dissolved		ND	0.00556	"								
Cobalt - Dissolved		ND	0.00444	"								
Copper - Dissolved		ND	0.0222	"								
Iron - Dissolved		ND	0.278	"								
Lead - Dissolved		ND	0.00667	"								
Magnesium - Dissolved		ND	0.0667	"								
Manganese - Dissolved		ND	0.00556	"								
Nickel - Dissolved		ND	0.0111	"								
Potassium - Dissolved		ND	1.11	"								
Selenium - Dissolved		ND	0.0278	"								
Silver - Dissolved		ND	0.00667	"								
Sodium - Dissolved		ND	1.11	"								
Vanadium - Dissolved		ND	0.0111	"								
Zinc - Dissolved		ND	0.0278	"								

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51464 - EPA 3015A											
LCS (BK51464-BS1) LCS									Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	1.96		ug/mL	2.00		98.1	80-120				
Barium - Dissolved	1.98		"	2.00		99.1	80-120				
Calcium - Dissolved	1.00		"	1.00		100	80-120				
Chromium - Dissolved	0.199		"	0.200		99.7	80-120				
Cobalt - Dissolved	0.494		"	0.500		98.7	80-120				
Copper - Dissolved	0.248		"	0.250		99.3	80-120				
Iron - Dissolved	0.915		"	1.00		91.5	80-120				
Lead - Dissolved	0.496		"	0.500		99.1	80-120				
Magnesium - Dissolved	1.00		"	1.00		100	80-120				
Manganese - Dissolved	0.495		"	0.500		99.0	80-120				
Nickel - Dissolved	0.496		"	0.500		99.3	80-120				
Potassium - Dissolved	1.03		"	1.00		103	80-120				
Selenium - Dissolved	1.88		"	2.00		94.0	80-120				
Silver - Dissolved	0.0460		"	0.0500		92.0	80-120				
Sodium - Dissolved	1.05		"	1.00		105	80-120				
Vanadium - Dissolved	0.481		"	0.500		96.2	80-120				
Zinc - Dissolved	0.478		"	0.500		95.7	80-120				
Duplicate (BK51464-DUP1) Duplicate	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	ND	0.556	mg/L		ND					20	
Barium - Dissolved	0.120	0.0278	"		0.120				0.278	20	
Calcium - Dissolved	83.1	0.556	"		82.7				0.447	20	
Chromium - Dissolved	0.00222	0.00556	"		0.00144				42.4	20	Non-dir.
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	0.227	0.278	"		0.185				20.3	20	Non-dir.
Lead - Dissolved	ND	0.00667	"		ND					20	
Magnesium - Dissolved	28.3	0.0667	"		28.1				0.504	20	
Manganese - Dissolved	0.0312	0.00556	"		0.0308				1.43	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	2.77	1.11	"		2.64				4.80	20	
Selenium - Dissolved	ND	0.0278	"		ND					20	
Silver - Dissolved	ND	0.00667	"		ND					20	
Sodium - Dissolved	103	1.11	"		103				0.455	20	
Vanadium - Dissolved	0.00122	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51464 - EPA 3015A											
Matrix Spike (BK51464-MS1) Matrix Spike		*Source sample: 25K1129-02 (MW-13_11202025)							Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	2.16	0.556	mg/L	2.22	ND	97.3	75-125				
Barium - Dissolved	2.24	0.0278	"	2.22	0.120	95.5	75-125				
Calcium - Dissolved	82.6	0.556	"	1.11	82.7	NR	75-125	Low Bias			
Chromium - Dissolved	0.216	0.00556	"	0.222	0.00144	96.4	75-125				
Cobalt - Dissolved	0.527	0.00444	"	0.556	ND	94.9	75-125				
Copper - Dissolved	0.281	0.0222	"	0.278	ND	101	75-125				
Iron - Dissolved	1.31	0.278	"	1.11	0.185	101	75-125				
Lead - Dissolved	0.527	0.00667	"	0.556	ND	94.9	75-125				
Magnesium - Dissolved	28.9	0.0667	"	1.11	28.1	66.8	75-125	Low Bias			
Manganese - Dissolved	0.564	0.00556	"	0.556	0.0308	96.0	75-125				
Nickel - Dissolved	0.527	0.0111	"	0.556	ND	94.9	75-125				
Potassium - Dissolved	3.72	1.11	"	1.11	2.64	97.2	75-125				
Selenium - Dissolved	2.13	0.0278	"	2.22	ND	95.9	75-125				
Silver - Dissolved	0.0511	0.00667	"	0.0556	ND	92.0	75-125				
Sodium - Dissolved	102	1.11	"	1.11	103	NR	75-125	Low Bias			
Vanadium - Dissolved	0.535	0.0111	"	0.556	ND	96.2	75-125				
Zinc - Dissolved	0.527	0.0278	"	0.556	ND	94.8	75-125				
Post Spike (BK51464-PS1) Post Spike		*Source sample: 25K1129-02 (MW-13_11202025)							Prepared: 11/24/2025 Analyzed: 11/26/2025		
Aluminum - Dissolved	1.99		ug/mL	2.00	0.0412	97.7	75-125				
Barium - Dissolved	2.09		"	2.00	0.108	99.0	75-125				
Calcium - Dissolved	74.8		"	1.00	74.4	38.2	75-125	Low Bias			
Chromium - Dissolved	0.202		"	0.200	0.00130	101	75-125				
Cobalt - Dissolved	0.495		"	0.500	-0.00130	99.0	75-125				
Copper - Dissolved	0.262		"	0.250	0.00150	104	75-125				
Iron - Dissolved	1.17		"	1.00	0.167	100	75-125				
Lead - Dissolved	0.480		"	0.500	0.000800	95.9	75-125				
Magnesium - Dissolved	26.1		"	1.00	25.3	82.0	75-125				
Manganese - Dissolved	0.525		"	0.500	0.0277	99.4	75-125				
Nickel - Dissolved	0.490		"	0.500	-0.000500	98.1	75-125				
Potassium - Dissolved	3.41		"	1.00	2.38	104	75-125				
Selenium - Dissolved	1.95		"	2.00	0.000900	97.4	75-125				
Silver - Dissolved	0.0477		"	0.0500	-0.00110	95.4	75-125				
Sodium - Dissolved	92.4		"	1.00	92.3	12.7	75-125	Low Bias			
Vanadium - Dissolved	0.500		"	0.500	0.000800	99.8	75-125				
Zinc - Dissolved	0.485		"	0.500	0.000900	96.9	75-125				

Metals Dissolved - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51520 - EPA 3015A											
Blank (BK51520-BLK1) Blank										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BK51520-BS1) LCS										Prepared: 11/24/2025 Analyzed: 11/26/2025	
Antimony - Dissolved	49.0		ug/L	50.0		98.0	80-120				
Arsenic - Dissolved	48.4		"	50.0		96.9	80-120				
Beryllium - Dissolved	49.1		"	50.0		98.3	80-120				
Cadmium - Dissolved	48.3		"	50.0		96.6	80-120				
Thallium - Dissolved	47.9		"	50.0		95.7	80-120				
Duplicate (BK51520-DUP1) Duplicate *Source sample: 25K1129-02 (MW-13_11202025)										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	ND	1.11	"		ND					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BK51520-MS1) Matrix Spike *Source sample: 25K1129-02 (MW-13_11202025)										Prepared: 11/24/2025 Analyzed: 11/25/2025	
Antimony - Dissolved	44.0		ug/L	50.0	-0.889	87.9	75-125				
Arsenic - Dissolved	42.4		"	50.0	-0.075	84.7	75-125				
Beryllium - Dissolved	22.3		"	50.0	-0.018	44.5	75-125	Low Bias			
Cadmium - Dissolved	42.5		"	50.0	-0.044	85.1	75-125				
Thallium - Dissolved	45.3		"	50.0	0.539	89.6	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51322 - Analysis Preparation												
Blank (BK51322-BLK1)	Blank									Prepared & Analyzed: 11/20/2025		
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BK51322-BS1)	LCS									Prepared & Analyzed: 11/20/2025		
Chromium, Hexavalent		0.498	0.0100	mg/L	0.500		99.6	85-115				
Duplicate (BK51322-DUP1)	Duplicate	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/20/2025		
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BK51322-MS1)	Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/20/2025		
Chromium, Hexavalent		0.568	0.0100	mg/L	0.500	ND	114	85-115				
Matrix Spike Dup (BK51322-I	Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/20/2025		
Chromium, Hexavalent		0.624	0.0100	mg/L	0.500	ND	125	85-115	High Bias	9.41	200	
Batch BK51383 - Analysis Preparation												
Blank (BK51383-BLK1)	Blank									Prepared & Analyzed: 11/21/2025		
Cyanide, total		ND	0.0100	mg/L								
LCS (BK51383-BS1)	LCS									Prepared & Analyzed: 11/21/2025		
Cyanide, total		0.0850	0.0100	mg/L	0.100		85.0	80-120				
Duplicate (BK51383-DUP1)	Duplicate	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025		
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BK51383-MS1)	Matrix Spike	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025		
Cyanide, total		0.0870	0.0100	mg/L	0.100	ND	87.0	79-105				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51383 - Analysis Preparation											
Matrix Spike Dup (BK51383- Matrix Spike Dup	*Source sample: 25K1129-02 (MW-13_11202025)								Prepared & Analyzed: 11/21/2025		
Cyanide, total	0.0853	0.0100	mg/L	0.100	ND	85.3	79-105		2.01	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K1129-01	MW-10_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1129-02	MW-13_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1129-03	MW-15_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1129-04	GWDUP01_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1129-05	GWFB01_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25K1129-06	GWTB01_11202025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PFAS-MSH	The recovery for this matrix spike compound was above control limits possibly due to matrix effects or non-homogenieity of the sample verses the native sample
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Trip Blank received not noted on COC.

Field Chain-of-Custody Record

ALS Project Number: 20K1129

USA environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Page 1 of 1

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Ave, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project/170794301

PO Number: See PO Specific Quote

Samples Collected From: NY X, CT, NJ, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected by: (print AND sign your name)

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	*TAL Metals (incl. hex- and trivalent chromium	Cyanide	PFAS	1,4-Dioxane	Grab or Comp.
MW-10_11202025	11/20/25	0855	GW											X	X	X	X	X	X	X	G/C
MW-13_11202025	↑	1405												X	X	X	X	X	X	X	
MW-15_11202025		1120												X	X	X	X	X	X	X	
GWDUP01_11202025		1435												X	X	X	X	X	X	X	
GWFB01_11202025		1100	↓ FB											X	X	X	X	X	X	X	

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: 4 run MW-13 for MS/MSD

*Total and dissolved

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Rachel Winslow/Langan	11/20/25 1710		11/20/25 1710		11/20/25 1800
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	11/20/25 2018 00		11/20/25		11/20/25 1811
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	11/20/25				11/20/25 21:45 3.2 Degrees C

Field Chain-of-Custody Record

ALS Project Number: 20K1129

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK | 800-306-9675

Report To:	Invoice To:
Company: Langan Engineering	Company:
Address: 368 Ninth Ave, 8th Floor New York NY 10001	Address: SAME
Phone.: 212.479.5400	Phone.:
Contact: Stuart Knoop	Contact:
E-mail: sknoop@langan.com	E-mail:

YOUR Project Name / Number: Willoughby Conversion Project/170794301

PO Number: See PO Specific Quote

Samples Collected From: NY X | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PCBs/Pesticides/Herbicides	*TAL Metals (incl. hex- and trivalent chromium	Cyanide	PFAS	1,4-Dioxane	Grab or Comp.
MW-10_11202025	11/20/25	0855	GW											X	X	X	X	X	X	X	
MW-13_11202025	↑	1405												X	X	X	X	X	X	X	
MW-15_11202025		1120												X	X	X	X	X	X	X	
GWDUP01_11202025		1435												X	X	X	X	X	X	X	
GWFB01_11202025		1100	↓ AQ											X	X	X	X	X	X	X	
GWTB01_11202025	11/20/25	-	AQ											X							

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments: 4 run MW-13 for MS/MSD

*Total and dissolved

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1.	Lauren Winslow/Langan	11/20/25 1710		11/20/25 1710
2.				11/20/25 1800
3.				11/20/25
4.		11/20/25		

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1.	Samples Received by / Company	11/20/25 1710		
2.	Samples Relinquished by / Company	11/20/25 1800	Samples Received by / Company	11/20/25 1810
3.	Samples Relinquished by / Company	11/20/25	Samples Received by / Company	
4.	Samples Received by / Company		Samples Received in LAB by	11/20/25 21:45

Temperature: 3.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 11/18/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0598

Report Date: 11/18/2025
Client Project ID: 170794301
York Project (SDG) No.: 25K0598

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 11, 2025 and listed below. The project was identified as your project: **170794301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

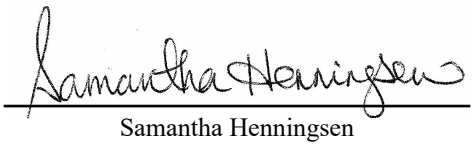
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0598-01	SV10_111125	Soil Vapor	11/10/2025	11/11/2025
25K0598-02	SV11_111125	Soil Vapor	11/10/2025	11/11/2025
25K0598-03	SV13_111125	Soil Vapor	11/10/2025	11/11/2025
25K0598-04	SV15_111125	Soil Vapor	11/10/2025	11/11/2025
25K0598-05	AA01_111125	Soil Vapor	11/10/2025	11/11/2025

General Notes for York Project (SDG) No.: 25K0598

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Samantha Henningsen
Laboratory Director - Queens

Date: 11/18/2025

Sample Information

Client Sample ID: SV10_111125 **York Sample ID:** 25K0598-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:42 pm	11/11/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.28	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.31	0.89	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.32	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.45	1.3	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.32	0.89	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.27	0.66	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.28	0.32	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.46	61	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	**1,2,4-Trimethylbenzene**	**1.8**		ug/m³	0.27	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.39	1.3	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.30	0.98	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.66	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.76	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.34	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.089	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.28	0.98	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.13	0.76	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.23	0.98	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	2.9	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.17	0.38	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			

Sample Information

Client Sample ID: SV10_111125 **York Sample ID:** 25K0598-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:42 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**1.2**	J	ug/m³	0.41	24	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
591-78-6	* 2-Hexanone	ND		ug/m³	0.36	1.3	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.22	2.6	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.30	0.67	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-64-1	**Acetone**	**12**	J	ug/m³	2.0	19	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
107-02-8	* ^Acrolein	ND		ug/m³	0.23	0.37	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
107-13-1	Acrylonitrile	ND		ug/m³	3.4	18	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
71-43-2	Benzene	ND		ug/m³	0.16	0.52	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
100-44-7	Benzyl chloride	ND		ug/m³	0.24	21	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-27-4	Bromodichloromethane	ND		ug/m³	0.33	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-25-2	Bromoform	ND		ug/m³	0.71	1.7	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
74-83-9	Bromomethane	ND		ug/m³	0.28	0.63	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-15-0	Carbon disulfide	ND		ug/m³	0.13	0.51	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.22	0.26	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-90-7	Chlorobenzene	ND		ug/m³	0.29	0.75	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-00-3	Chloroethane	ND		ug/m³	0.24	0.43	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-66-3	Chloroform	ND		ug/m³	0.21	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
74-87-3	Chloromethane	ND		ug/m³	0.096	0.34	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	0.32	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.29	0.74	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-82-7	Cyclohexane	ND		ug/m³	0.16	0.56	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
124-48-1	Dibromochloromethane	ND		ug/m³	0.57	1.4	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			

Sample Information

Client Sample ID: SV10_111125 **York Sample ID:** 25K0598-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:42 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.25	0.81	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	*** Ethyl acetate**	**1.8**	J	ug/m³	0.17	29	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**0.78**		ug/m³	0.24	0.71	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.67	1.7	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**0.96**	J	ug/m³	0.33	2.4	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.12	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.67	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.18	0.59	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	0.19	3.4	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	0.59	8.6	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.27	0.90	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.23	0.67	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	n-Hexane	ND		ug/m³	0.18	0.58	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.17	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.25	0.71	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**3.1**		ug/m³	0.36	1.4	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.28	0.80	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.16	0.90	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.13	0.28	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.23	0.90	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.21	0.70	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.34	0.90	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			

Sample Information

Client Sample ID: SV10_111125 **York Sample ID:** 25K0598-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:42 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**6.0**		ug/m³	0.26	1.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.16	0.96	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications:			
108-88-3	**Toluene**	**3.6**		ug/m³	0.19	0.62	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.12	0.65	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.30	0.74	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.22	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.28	0.92	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-05-4	Vinyl acetate	ND		ug/m³	0.29	0.58	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
593-60-2	Vinyl bromide	ND		ug/m³	0.18	0.72	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	0.21	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			
1330-20-7	**Xylenes, Total**	**4.6**		ug/m³	0.59	2.1	1.635	EPA TO-15	11/12/2025 18:12	11/17/2025 19:25	YR
								Certifications: NJDEP-NY037,NYSDOH-NY12058			

Sample Information

Client Sample ID: SV11_111125 **York Sample ID:** 25K0598-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:43 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.26	1.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.2**		ug/m³	0.29	0.83	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.42	1.2	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.30	0.83	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	**1,1-Dichloroethane**	**2.7**		ug/m³	0.25	0.62	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.26	0.30	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.43	57	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	**1,2,4-Trimethylbenzene**	**1.5**		ug/m³	0.25	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.37	1.2	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	0.92	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.16	0.62	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.24	0.70	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.32	1.1	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.083	1.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.26	0.92	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.12	0.70	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.22	0.92	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	2.7	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	**14**		ug/m³	0.15	0.36	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
78-93-3	**2-Butanone**	**8.9**	J	ug/m³	0.38	22	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV11_111125 **York Sample ID:** 25K0598-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:43 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.34	1.2	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.20	2.4	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.28	0.62	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-64-1	**Acetone**	**30**		ug/m³	1.9	18	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-02-8	* ^Acrolein	ND		ug/m³	0.22	0.35	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
107-13-1	Acrylonitrile	ND		ug/m³	3.2	17	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
71-43-2	**Benzene**	**2.1**		ug/m³	0.15	0.49	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
100-44-7	Benzyl chloride	ND		ug/m³	0.22	20	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-27-4	Bromodichloromethane	ND		ug/m³	0.31	1.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-25-2	Bromoform	ND		ug/m³	0.67	1.6	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-83-9	Bromomethane	ND		ug/m³	0.26	0.59	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-15-0	**Carbon disulfide**	**5.6**		ug/m³	0.12	0.47	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.21	0.24	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-90-7	Chlorobenzene	ND		ug/m³	0.27	0.70	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-00-3	Chloroethane	ND		ug/m³	0.23	0.40	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-66-3	Chloroform	ND		ug/m³	0.19	0.74	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-87-3	Chloromethane	ND		ug/m³	0.089	0.31	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	0.30	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.27	0.69	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-82-7	**Cyclohexane**	**25**		ug/m³	0.15	0.52	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
124-48-1	Dibromochloromethane	ND		ug/m³	0.53	1.3	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.23	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV11_111125 **York Sample ID:** 25K0598-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:43 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**16**	J	ug/m³	0.16	27	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**0.93**		ug/m³	0.22	0.66	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.62	1.6	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-63-0	**Isopropanol**	**3.0**		ug/m³	0.30	2.2	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-82-8	Isopropylbenzene	ND		ug/m³	0.11	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.62	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.17	0.55	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-09-2	Methylene chloride	ND		ug/m³	0.18	3.2	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
91-20-3	* ^Naphthalene	ND		ug/m³	0.55	8.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.25	0.84	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.22	0.63	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-54-3	**n-Hexane**	**4.8**		ug/m³	0.17	0.54	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
103-65-1	* n-Propylbenzene	ND		ug/m³	0.16	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.23	0.66	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
179601-23-1	**p- & m- Xylenes**	**3.0**		ug/m³	0.34	1.3	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.26	0.75	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.15	0.84	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.12	0.26	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.22	0.84	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.20	0.65	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.32	0.84	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.25	1.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV11_111125 **York Sample ID:** 25K0598-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:43 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.15	0.90	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:			
108-88-3	**Toluene**	**3.9**		ug/m³	0.18	0.57	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.11	0.60	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.28	0.69	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.20	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.26	0.86	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	0.27	0.54	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.16	0.67	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.16	0.19	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**4.6**		ug/m³	0.55	2.0	1.525	EPA TO-15	11/12/2025 18:12	11/17/2025 20:57	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV13_111125 **York Sample ID:** 25K0598-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:44 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	4.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**190**		ug/m³	1.2	3.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	4.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.7	4.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	3.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	**1,1-Dichloroethane**	**5.9**		ug/m³	1.0	2.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.1	1.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.8	230	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.0	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	4.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	3.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.65	2.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.98	2.9	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	4.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.34	4.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	3.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	2.9	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.90	3.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	2.4	11	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.64	1.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
78-93-3	**2-Butanone**	**1.9**	J	ug/m³	1.6	93	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV13_111125 **York Sample ID:** 25K0598-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:44 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	5.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.83	9.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.1	2.6	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-64-1	**Acetone**	**16**	J	ug/m³	7.7	75	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-02-8	* ^Acrolein	ND		ug/m³	0.90	1.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
107-13-1	Acrylonitrile	ND		ug/m³	13	68	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
71-43-2	**Benzene**	**32**		ug/m³	0.60	2.0	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
100-44-7	Benzyl chloride	ND		ug/m³	0.92	81	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	4.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-25-2	Bromoform	ND		ug/m³	2.7	6.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-83-9	Bromomethane	ND		ug/m³	1.1	2.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-15-0	**Carbon disulfide**	**10**		ug/m³	0.50	2.0	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.86	0.99	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-90-7	Chlorobenzene	ND		ug/m³	1.1	2.9	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-00-3	Chloroethane	ND		ug/m³	0.94	1.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-66-3	Chloroform	ND		ug/m³	0.79	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-87-3	Chloromethane	ND		ug/m³	0.37	1.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.64	1.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.1	2.9	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-82-7	**Cyclohexane**	**22**		ug/m³	0.61	2.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
124-48-1	Dibromochloromethane	ND		ug/m³	2.2	5.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.95	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV13_111125 **York Sample ID:** 25K0598-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:44 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m³	0.64	110	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.92	2.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.6	6.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-63-0	**Isopropanol**	**1.9**	J	ug/m³	1.3	9.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-82-8	**Isopropylbenzene**	**4.3**		ug/m³	0.47	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.6	2.6	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.70	2.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-09-2	Methylene chloride	ND		ug/m³	0.73	13	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
91-20-3	* ^Naphthalene	ND		ug/m³	2.3	33	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	1.0	3.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.90	2.6	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-54-3	**n-Hexane**	**13**		ug/m³	0.70	2.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
103-65-1	* n-Propylbenzene	ND		ug/m³	0.67	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
95-47-6	**o-Xylene**	**7.4**		ug/m³	0.96	2.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.4	5.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.1	3.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.62	3.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
115-07-1	* **Propylene**	**65**		ug/m³	0.51	1.1	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
135-98-8	* **sec-Butylbenzene**	**4.5**		ug/m³	0.89	3.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.82	2.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	1.3	3.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
127-18-4	**Tetrachloroethylene**	**35**		ug/m³	1.0	4.3	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV13_111125 **York Sample ID:** 25K0598-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:44 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.62	3.7	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:			
108-88-3	**Toluene**	**7.8**		ug/m³	0.73	2.4	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.45	2.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.1	2.9	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.52	0.84	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.6**		ug/m³	1.1	3.5	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	1.1	2.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.68	2.8	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.64	0.80	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**7.4**	J	ug/m³	2.3	8.2	6.288	EPA TO-15	11/12/2025 18:12	11/17/2025 21:43	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV15_111125 **York Sample ID:** 25K0598-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:41 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.25	1.0	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**11**		ug/m³	0.28	0.81	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.29	1.0	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	1.1	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.81	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.24	0.60	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.26	0.29	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.42	55	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	**1,2,4-Trimethylbenzene**	**1.8**		ug/m³	0.25	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.36	1.1	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.27	0.89	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.15	0.60	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.23	0.69	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.31	1.0	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.081	0.99	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.25	0.89	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.12	0.69	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.21	0.89	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	0.56	2.7	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.15	0.35	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
78-93-3	**2-Butanone**	**0.53**	J	ug/m³	0.37	22	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV15_111125 **York Sample ID:** 25K0598-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:41 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.33	1.2	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.20	2.3	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.61	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-64-1	**Acetone**	**8.8**	J	ug/m³	1.8	18	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-02-8	* ^Acrolein	ND		ug/m³	0.21	0.34	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
107-13-1	Acrylonitrile	ND		ug/m³	3.1	16	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
71-43-2	**Benzene**	**1.2**		ug/m³	0.14	0.47	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
100-44-7	Benzyl chloride	ND		ug/m³	0.22	19	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-27-4	Bromodichloromethane	ND		ug/m³	0.30	1.0	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-25-2	Bromoform	ND		ug/m³	0.65	1.5	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-83-9	Bromomethane	ND		ug/m³	0.25	0.58	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-15-0	**Carbon disulfide**	**2.1**		ug/m³	0.12	0.46	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.20	0.23	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-90-7	Chlorobenzene	ND		ug/m³	0.26	0.68	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-00-3	Chloroethane	ND		ug/m³	0.22	0.39	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-66-3	**Chloroform**	**0.87**		ug/m³	0.19	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-87-3	Chloromethane	ND		ug/m³	0.087	0.31	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	0.29	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.27	0.67	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.14	0.51	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
124-48-1	Dibromochloromethane	ND		ug/m³	0.51	1.3	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.23	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV15_111125 **York Sample ID:** 25K0598-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:41 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**3.0**	J	ug/m³	0.15	27	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**0.65**		ug/m³	0.22	0.65	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.61	1.6	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-63-0	**Isopropanol**	**1.2**	J	ug/m³	0.30	2.2	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-82-8	Isopropylbenzene	ND		ug/m³	0.11	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.61	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.16	0.54	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-09-2	Methylene chloride	ND		ug/m³	0.17	3.1	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
91-20-3	* ^Naphthalene	ND		ug/m³	0.54	7.8	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.24	0.82	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.21	0.61	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-54-3	**n-Hexane**	**4.8**		ug/m³	0.16	0.52	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
103-65-1	* n-Propylbenzene	ND		ug/m³	0.16	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
95-47-6	**o-Xylene**	**1.4**		ug/m³	0.23	0.65	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	0.33	1.3	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.26	0.73	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.15	0.82	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.12	0.26	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.21	0.82	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.19	0.63	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.31	0.82	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
127-18-4	**Tetrachloroethylene**	**840**		ug/m³	0.96	4.0	5.944	EPA TO-15	11/12/2025 18:12	11/17/2025 23:16	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: SV15_111125 **York Sample ID:** 25K0598-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:41 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.15	0.88	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:			
108-88-3	**Toluene**	**2.6**		ug/m³	0.17	0.56	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.11	0.59	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.27	0.67	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	**Trichloroethylene**	**1.5**		ug/m³	0.12	0.20	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**41**		ug/m³	0.26	0.83	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	0.26	0.52	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.16	0.65	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.15	0.19	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**4.0**		ug/m³	0.53	1.9	1.486	EPA TO-15	11/12/2025 18:12	11/17/2025 22:30	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: AA01_111125 **York Sample ID:** 25K0598-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:45 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.36	1.5	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.42	1.5	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.60	1.6	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.42	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.87	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.37	0.42	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.61	79	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.35	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.52	1.6	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.40	1.3	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.87	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.33	0.99	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.45	1.5	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.16	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	1.4	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.36	1.3	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.17	0.99	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.31	1.3	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	0.81	3.9	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^**2,2,4-Trimethylpentane**	**0.80**		ug/m³	0.22	0.50	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
78-93-3	**2-Butanone**	**1.5**	J	ug/m³	0.53	32	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: AA01_111125 **York Sample ID:** 25K0598-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:45 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.47	1.8	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.28	3.4	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.88	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-64-1	**Acetone**	**62**		ug/m³	2.6	25	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-02-8	* ^Acrolein	ND		ug/m³	0.30	0.49	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
107-13-1	Acrylonitrile	ND		ug/m³	4.4	23	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
71-43-2	**Benzene**	**0.68**		ug/m³	0.20	0.68	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
100-44-7	Benzyl chloride	ND		ug/m³	0.31	28	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-27-4	Bromodichloromethane	ND		ug/m³	0.43	1.4	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-25-2	Bromoform	ND		ug/m³	0.94	2.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-83-9	Bromomethane	ND		ug/m³	0.37	0.83	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.67	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.29	0.34	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-90-7	Chlorobenzene	ND		ug/m³	0.38	0.99	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-00-3	Chloroethane	ND		ug/m³	0.32	0.57	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-66-3	Chloroform	ND		ug/m³	0.27	1.0	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
74-87-3	**Chloromethane**	**1.2**	TO-CCV	ug/m³	0.13	0.44	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.22	0.42	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.38	0.97	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-82-7	**Cyclohexane**	**0.74**		ug/m³	0.21	0.74	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	1.8	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.33	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: AA01_111125 **York Sample ID:** 25K0598-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:45 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**9.2**	J	ug/m³	0.22	39	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.31	0.93	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.87	2.3	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-63-0	**Isopropanol**	**4.1**		ug/m³	0.43	3.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-82-8	Isopropylbenzene	ND		ug/m³	0.16	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	0.88	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.24	0.77	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-09-2	Methylene chloride	ND		ug/m³	0.25	4.5	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
91-20-3	* ^Naphthalene	ND		ug/m³	0.77	11	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.35	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.31	0.88	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-54-3	**n-Hexane**	**0.53**	J	ug/m³	0.24	0.76	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
103-65-1	* n-Propylbenzene	ND		ug/m³	0.23	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
95-47-6	o-Xylene	ND		ug/m³	0.33	0.93	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
179601-23-1	**p- & m- Xylenes**	**1.5**	J	ug/m³	0.48	1.9	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	1.1	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.21	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	0.37	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.30	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.28	0.91	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.45	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
127-18-4	**Tetrachloroethylene**	**4.8**		ug/m³	0.35	1.5	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: AA01_111125 **York Sample ID:** 25K0598-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0598	170794301	Soil Vapor	November 10, 2025 1:45 pm	11/11/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.21	1.3	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:			
108-88-3	**Toluene**	**4.1**		ug/m³	0.25	0.81	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.15	0.85	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.97	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.18	0.29	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.37	1.2	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	0.38	0.75	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.94	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	0.27	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**1.5**	J	ug/m³	0.77	2.8	2.142	EPA TO-15	11/12/2025 18:12	11/17/2025 20:11	YR
								Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Analytical Batch Summary

Batch ID: BK51114 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25K0598-01	SV10_111125	11/12/25
25K0598-02	SV11_111125	11/12/25
25K0598-03	SV13_111125	11/12/25
25K0598-04	SV15_111125	11/12/25
25K0598-04RE1	SV15_111125	11/12/25
25K0598-05	AA01_111125	11/12/25
BK51114-BLK1	Blank	11/17/25
BK51114-BS1	LCS	11/17/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51114 - EPA TO15 PREP											
Blank (BK51114-BLK1) Blank									Prepared & Analyzed: 11/17/2025		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	1.8	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrolein	ND	0.23	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	13	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.27	1.5	"								
Isopropylbenzene	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51114 - EPA TO15 PREP											
Blank (BK51114-BLK1) Blank									Prepared & Analyzed: 11/17/2025		
Methyl tert-butyl ether (MTBE)	ND	0.36	ug/m³								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	5.2	"								
n-Butylbenzene	ND	0.55	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
n-Propylbenzene	ND	0.49	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
p-Isopropyltoluene	ND	0.55	"								
Propylene	ND	0.17	"								
sec-Butylbenzene	ND	0.55	"								
Styrene	ND	0.43	"								
tert-Butylbenzene	ND	0.55	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Xylenes, Total	ND	1.3	"								
LCS (BK51114-BS1) LCS									Prepared & Analyzed: 11/17/2025		
1,1,1,2-Tetrachloroethane	10.2		ppbv	10.0		102	70-130				
1,1,1-Trichloroethane	10.1		"	10.0		101	70-130				
1,1,2,2-Tetrachloroethane	12.9		"	10.0		129	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	11.3		"	10.0		113	70-130				
1,1-Dichloroethane	9.95		"	10.0		99.5	70-130				
1,1-Dichloroethylene	9.79		"	10.0		97.9	70-130				
1,2,4-Trichlorobenzene	8.97		"	10.0		89.7	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	11.4		"	10.0		114	70-130				
1,2-Dichlorobenzene	12.1		"	10.0		121	70-130				
1,2-Dichloroethane	9.77		"	10.0		97.7	70-130				
1,2-Dichloropropane	11.4		"	10.0		114	70-130				
1,2-Dichlorotetrafluoroethane	11.6		"	10.0		116	70-130				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,3-Butadiene	11.6		"	10.0		116	70-130				
1,3-Dichlorobenzene	12.3		"	10.0		123	70-130				
1,3-Dichloropropane	11.3		"	10.0		113	70-130				
1,4-Dichlorobenzene	12.6		"	10.0		126	70-130				
1,4-Dioxane	10.8		"	10.0		108	70-130				
2,2,4-Trimethylpentane	10.7		"	10.0		107	70-130				
2-Butanone	9.82		"	10.0		98.2	70-130				
2-Hexanone	10.8		"	10.0		108	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51114 - EPA TO15 PREP											
LCS (BK51114-BS1) LCS								Prepared & Analyzed: 11/17/2025			
3-Chloropropene	9.96		ppbv	10.0		99.6	70-130				
4-Methyl-2-pentanone	10.3		"	10.0		103	70-130				
Acetone	8.63		"	10.0		86.3	70-130				
Acrolein	9.81		"	10.0		98.1	70-130				
Acrylonitrile	9.15		"	10.0		91.5	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	12.1		"	10.0		121	70-130				
Bromodichloromethane	11.2		"	10.0		112	70-130				
Bromoform	10.4		"	10.0		104	70-130				
Bromomethane	10.9		"	10.0		109	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	9.35		"	10.0		93.5	70-130				
Chlorobenzene	10.4		"	10.0		104	70-130				
Chloroethane	11.2		"	10.0		112	70-130				
Chloroform	10.4		"	10.0		104	70-130				
Chloromethane	10.2		"	10.0		102	70-130				
cis-1,2-Dichloroethylene	9.44		"	10.0		94.4	70-130				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	10.9		"	10.0		109	70-130				
Dichlorodifluoromethane	10.9		"	10.0		109	70-130				
Ethyl acetate	9.45		"	10.0		94.5	70-130				
Ethyl Benzene	10.8		"	10.0		108	70-130				
Hexachlorobutadiene	10.8		"	10.0		108	70-130				
Isopropanol	9.95		"	10.0		99.5	70-130				
Isopropylbenzene	11.0		"	10.0		110	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
Naphthalene	10.5		"	10.0		105	70-130				
n-Butylbenzene	12.7		"	10.0		127	70-130				
n-Heptane	9.76		"	10.0		97.6	70-130				
n-Hexane	10.6		"	10.0		106	70-130				
n-Propylbenzene	11.3		"	10.0		113	70-130				
o-Xylene	12.7		"	10.0		127	70-130				
p- & m- Xylenes	21.0		"	20.0		105	70-130				
p-Ethyltoluene	11.2		"	10.0		112	70-130				
p-Isopropyltoluene	11.4		"	10.0		114	70-130				
Propylene	11.1		"	10.0		111	70-130				
sec-Butylbenzene	11.4		"	10.0		114	70-130				
Styrene	12.5		"	10.0		125	70-130				
tert-Butylbenzene	11.0		"	10.0		110	70-130				
Tetrachloroethylene	9.95		"	10.0		99.5	70-130				
Tetrahydrofuran	9.80		"	10.0		98.0	70-130				
Toluene	10.8		"	10.0		108	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	10.3		"	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	10.0		"	10.0		100	70-130				
Vinyl acetate	9.81		"	10.0		98.1	70-130				
Vinyl bromide	10.8		"	10.0		108	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51114 - EPA TO15 PREP											
LCS (BK51114-BS1) LCS								Prepared & Analyzed: 11/17/2025			
Vinyl Chloride	10.3		ppbv	10.0		103	70-130				

Sample and Data Qualifiers Relating to This Work Order

ZZ:/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
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clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 25K0598

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan eng	Company:	Company:	170794301	RUSH - Next Day
Address: 308 9th Ave 8TH FL NY NY 1000	Address: SAME	Address: 125 Willoughby	YOUR Project Name: Willoughby Conversion project	RUSH - Two Day
Phone.: 212 479 5400	Phone.:	Phone.: SAME		RUSH - Three Day
Contact: Stuart Knoop	Contact:	Contact:		RUSH - Four Day
E-mail: sknoop sknoop@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Lilah Wills

Samples Collected by: (print your name above and sign below)

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)
- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- Other:
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliv.
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV10_111125 13:42	11/11/2025	AND AS	-30	-8	23994	13559	TO-15 VOCs
SV11_111125	13:43		-28	-4	41840	19415	
SV13_111125	13:44		-28	-5	23797	20955	
SV15_111125	13:41		-28	-4	28307	20416	
AA01_111125	13:45		-25.5	-5.5	17377	20238	

Comments: please cc: datamanagement@langan.com sknoop@langan.com tgoodnaugh@langan.com

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
- 6 Liter Canister
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	11/11/25 1601		11/11/25 1601	DOEL CF	11/11/25 1659
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					11/11/25

APPENDIX H

Data Usability Summary Reports

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: December 30, 2025

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
December 2024 Soil Samples
Langan Project No.: 170794301

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in December 2024 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by Pace Analytical Services – Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, cyanide, hexavalent chromium, and trivalent chromium by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E
- Metals by SW-846 Method 6010D/7471B
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Two (2) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

SVOCs by SW-846 Method 8270E

L2471057

The LCS and/or LCSD for batch WG2006531 exhibited percent recoveries below the LCL for 3,3'-dichlorobenzidine (LCS = 33%) and benzoic acid (0%, 0%). The associated results in samples SB04_0.5-1.5, SB04_8-9, SB05_10-11, SB05_1-2, SB06_2-3, and SB06_6-7 are qualified as UJ because of potential low bias.

Metals by SW-846 Method 6010D/7471B

L2470706

The MS performed on sample SB01_11-12 exhibited percent recoveries above the UCL for arsenic (157%) and total chromium (126%). The associated results are qualified as J because of potential high bias.

The laboratory duplicate and parent sample (SB01_11-12) exhibited RPDs above the control limit for aluminum (32%), arsenic (34%), barium (32%), total chromium (27%), copper (182%), lead (119%), magnesium (25%), and zinc (32%). The associated results not previously qualified are qualified as J because of potential indeterminate bias.

L2471057

The MS performed on sample SB04_0.5-1.5 exhibited a percent recovery above the UCL for barium (164%). The associated result is qualified as J because of potential high bias.

The MS performed on sample SB04_0.5-1.5 exhibited a percent recovery below the LCL for selenium (72%). The associated result is qualified as J because of potential low bias.

The MS performed on sample SB04_0.5-1.5 exhibited a percent recovery below the LCL for mercury (0%). The associated result is qualified as J because of potential low bias.

The laboratory duplicate and parent sample (SB04_0.5-1.5) exhibited RPDs above the control limit for arsenic (30%), barium (70%), copper (24%), lead (105%), and zinc (27%). The associated results not previously qualified are qualified as J because of potential indeterminate bias.

Hexavalent Chromium by SW-846 Method 7196A

L2471057

The MB for batch WG2006964 exhibited a detection of hexavalent chromium (0.31 mg/kg). The associated results in samples SB04_0.5-1.5, SB04_8-9, SB05_10-11, SB05_1-2, SB06_2-3, and SB06_6-7 are qualified as U at the reporting limit because of potential blank contamination.

The LCS for batch WG2006964 exhibited a percent recovery below the LCL for hexavalent chromium (75%). The associated results not previously qualified in samples SB04_0.5-1.5, SB04_8-9, SB05_10-11, SB05_1-2, SB06_2-3, and SB06_6-7 are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2470706

The LCS for batch WG2007266 exhibited a percent recovery above the UCL for chloromethane (methyl chloride) (132%). The associated results are non-detect. No qualification is necessary.

The sample SB03_10.5-11.5 exhibited a percent recovery above the UCL for the surrogate 1,2-dichloroethane-d4 (131%). The associated results are non-detect. No qualification is necessary.

L2471057

The LCS for batch WG2007266 exhibited a percent recovery above the UCL for chloromethane (methyl chloride) (132%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270E

L2470706

The LCS/LCSD for batch WG2005896 exhibited a percent recovery above the UCL for 4-nitrophenol (117%, 120%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Method 6010D/7471B

L2470706

The MB for batch WG2006810 exhibited detections of total chromium (0.174 mg/kg) and iron (1.3 mg/kg). The associated results are >10x the blank concentration. No qualification is necessary.

The MS performed on sample SB01_11-12 exhibited percent recoveries outside of control limits for aluminum (420%), calcium (0%), copper (0%), iron (274%), lead (0%), manganese (323%), and zinc (177%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

L2471057

The MB for batch WG2006825 exhibited detections of arsenic (0.085 mg/kg), calcium (2.71 mg/kg), iron (1.68 mg/kg), magnesium (0.671 mg/kg), and zinc (0.202 mg/kg). The associated results are >10x the blank concentration. No qualification is necessary.

The MS performed on sample SB04_0.5-1.5 exhibited percent recoveries outside of control limits for aluminum (210%), calcium (0%), copper (300%), iron (1130%), lead (953%), manganese (166%), and zinc (220%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The laboratory duplicate and parent sample (SB04_0.5-1.5) exhibited a RPD above the control limit for mercury (48%). The associated results were previously qualified. No further action is necessary.

FIELD DUPLICATES:

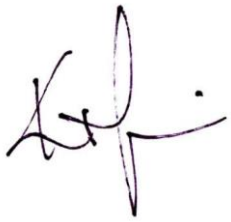
A field duplicate and parent sample pair was not collected.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: January 30, 2026

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
November 2025 Soil Samples
Langan Project No.: 170794301

This memorandum presents the findings of analytical data validation from the analysis of soil samples collected in November 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide, hexavalent chromium, and trivalent chromium by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E/8270DSIM
- PFAS by USEPA Method 1633A
- Pesticides by SW-846 Method 8081B
- PCBs by SW-846 Method 8082A
- Herbicides by SW-846 Method 8151A
- Metals by SW-846 Method 6010D/7470/7473
- Cyanide by SW-846 Method 4500-CN-E
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
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As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

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MINOR DEFICIENCIES:

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SVOCs by SW-846 Method 8270E/8270DSIM

25K0346

The LCS for batch BK50423 exhibited percent recoveries outside of control limits for numerous compounds (37.7% - 69.9%). Based on professional judgement, all associated results in samples SB-11_0-2, SB-11_10-12, SB-12_24-26, SB-14_0-2, SB-14_10-12, SB-14_25-27, and SODUP01_110625 are qualified as J or UJ because of potential low bias.

25K0471

The LCS for batch BK50523 exhibited a percent recovery below the LCL for numerous compounds (5.04% - 69.9%). Based on professional judgement, all associated results in samples SB-10_13-15, SB-10_26-28, and SB-10_3-5 are qualified as J or UJ because of potential low bias.

PFAS by USEPA Method 1633A

25K0233

The samples SB-12_2-4, SB-12_9-11, SB-18_10-12, SB-18_2-4, and SB-18_25-27 past the recommended three (3) day holding time for NFDHA by epa 1633A. The associated results are qualified as UJ because of potential low bias.

The LLCS for batch BK50479 exhibited a percent recovery below the LCL for 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (63.3%). The associated results

in samples SB-12_2-4, SB-12_9-11, SB-18_10-12, SB-18_2-4, and SB-18_25-27 are qualified as UJ because of potential low bias.

The sample SB-12_2-4 exhibited percent recoveries above the UCL for the isotope dilution standards 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (192%) and n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (140%). The associated results are qualified as UJ because of potential low bias.

The sample SB-12_9-11 exhibited percent recoveries above the UCL for the isotope dilution standards 13C4-perfluoroheptanoic acid (135%) and n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (139%). The associated results are qualified as UJ because of potential low bias.

The sample SB-18_10-12 exhibited percent recoveries above the UCL for the isotope dilution standards 13C4-perfluoroheptanoic acid (134%) and n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (148%). The associated results are qualified as UJ because of potential low bias.

The sample SB-18_2-4 exhibited percent recoveries above the UCL for the isotope dilution standards 13C4-perfluoroheptanoic acid (140%), 13C6-perfluorodecanoic acid (131%), 13C9-perfluorononanoic acid (137%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (169%), n-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid (152%), n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (168%), perfluoro[13C8]octanesulfonic acid (M8PFOS) (132%), and perfluoro[2,3,4-13C3]butanesulfonic acid (M3PFBS) (142%). The associated results are qualified as UJ because of potential low bias.

The sample SB-18_25-27 exhibited percent recoveries above the UCL for the isotope dilution standards 13C4-perfluoroheptanoic acid (137%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (166%), n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (149%), and perfluoro-1-[13C8] octanesulfonamide (143%). The associated results are qualified as UJ because of potential low bias.

<u>25K0346</u>

The samples SB-11_0-2, SB-11_10-12, SB-12_24-26, SB-14_25-27, and SODUP01_110625 were extracted past the recommended three (3) day holding time for NFDHA by EPA 1633A. The associated results are qualified as UJ because of potential low bias.

The LCS and/or LLCS for batch BK50481 exhibited percent recoveries below the LCL for 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 fts) (LLCS = 68%), 9Cl-PF3ONS (48.4%, 51%),

and ADONA (LLCS = 69.2%). The associated results in samples SB-11_0-2, SB-11_10-12, SB-12_24-26, SB-14_25-27, and SODUP01_110625 are qualified as UJ because of potential low bias.

The sample SB-11_0-2 exhibited a percent recovery above the UCL for the isotope dilution standard d3-N-MeFOSAA (136%). The associated result is qualified as UJ because of potential low bias.

The sample SB-11_10-12 exhibited a percent recovery above the UCL for the isotope dilution standard M4PFHpA (135%). The associated result is qualified as UJ because of potential low bias.

The sample SB-12_24-26 exhibited a percent recovery above the UCL for the isotope dilution standard d3-N-MeFOSAA (136%). The associated result is qualified as UJ because of potential low bias.

25K0471

The LCS/LLCS for batch BK50596 exhibited a percent recovery below the LCL for 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (58.2%, 62.1%). The associated results in samples SB-10_13-15, SB-10_26-28, and SB-10_3-5 are qualified as UJ because of potential low bias.

The samples SB-10_13-15, SB-10_26-28, and SB-10_3-5 were extracted past the recommended three (3) day holding time for NFDHA by EPA 1633A. The associated results are qualified as UJ because of potential low bias.

25K0510

The sample SB-11_25-27 was extracted past the recommended three (3) day holding time for NFDHA by EPA 1633A. The associated result is qualified as UJ because of potential low bias.

The LCS/LLCS for batch BK50596 exhibited a percent recovery below the LCL for 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (58.2%, 62.1%). The associated result in sample SB-11_25-27 IS qualified as UJ because of potential low bias.

25K0595

The samples SB-13_12-14, SB-13_25-27, SB-13_3-5, SB-14_0-2, SB-14_10-12, SB-15_13-15, SB-15_25-27, SB-15_3-5, and SODUP02_11-11-25 were extracted past the recommended three (3) day holding time for NFDHA by EPA 1633A. The associated results are qualified as UJ because of potential low bias.

The LLCS for batch BK50681 exhibited percent recoveries below the LCL for 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (33.5%), 4,8-dioxa-3h-perfluorononanoic acid (ADONA) (67.5%), 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (33.6%), perfluorononanesulfonic acid (PFNS) (52.5%), and perfluorooctanoic acid (PFOA) (68.1%). The associated results in samples SB-13_25-27, SB-13_3-5, SB-14_0-2, SB-14_10-12, SB-15_13-15, SB-15_25-27, SB-15_3-5, and SODUP02_11-11-25 are qualified as J or UJ because of potential low bias.

The LCS and/or LLCS for batch BK50711 exhibited percent recoveries below the LCL for 1H,1H,2H,2H-perfluorodecane sulfonic acid (LLCS = 63.9%), 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (66.5%, 51.7%), perfluorododecanoic acid (PFDoA) (LLCS = 66.4%), perfluorononanoic acid (PFNA) (LLCS = 67.7%), perfluorooctanoic acid (PFOA) (LLCS = 67.6%), and perfluorotetradecanoic acid (PFTeDA) (LLCS = 64.3%). The associated results in sample SB-13_12-14 are qualified as UJ because of potential low bias.

The sample SB-13_12-14 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (178%). The associated result is qualified as UJ because of potential low bias.

The sample SB-13_25-27 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (174%). The associated result is qualified as UJ because of potential low bias.

The sample SB-13_3-5 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (167%). The associated result is qualified as UJ because of potential low bias.

The sample SB-14_0-2 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (175%). The associated result is qualified as UJ because of potential low bias.

The sample SB-14_10-12 exhibited percent recoveries above the UCL for the isotope dilution standards 13C3-2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid (135%), 13C3-perfluorobutanoic acid (133%), 13C3-perfluorohexanesulfonic acid (132%), 13C5-perfluorohexanoic acid (139%), 13C5-perfluoropentanoic acid (140%), 13C8-perfluorooctanoic acid (135%), 13C9-perfluorononanoic acid (135%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (207%), n-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid (143%), perfluoro[2,3,4-13C3]butanesulfonic acid (M3PFBS) (139%), and perfluoro-1-[13C8]

octanesulfonamide (134%). The associated results are qualified as UJ because of potential low bias.

The sample SB-15_3-5 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (168%). The associated result is qualified as UJ because of potential low bias.

The sample SODUP02_11-11-25 exhibited percent recoveries above the UCL for the isotope dilution standards 13C6-perfluorodecanoic acid (132%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (186%). The associated results are qualified as UJ because of potential low bias.

Pesticides by SW-846 Method 8081B

25K0233

The sample SB-18_2-4 exhibited an RPD above the control limit between the primary and secondary GC columns for p,p'-DDT. The associated result is qualified as J because of potential indeterminate bias.

The sample SB-12_2-4 exhibited an RPD above the control limit between the primary and secondary GC columns for p,p'-DDE. The associated result is qualified as J because of potential indeterminate bias.

25K0595

The sample SB-13_3-5 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (PCB 209) (18.1%). The associated results are qualified as J or UJ because of potential low bias.

The sample SB-15_13-15 exhibited an RPD above the control limit between the primary and secondary GC columns for p,p'-DDE. The associated results are qualified as J because of potential indeterminate bias.

Metals by SW-846 Method 6010D/7470/7473

25K0346

The FB (SOFB01_110625) exhibited detections of barium (0.005 mg/L), calcium (0.34 mg/L), chromium (0.0006 mg/L), and sodium (1.26 mg/L). The associated results <10X the blank concentration in samples SB-11_0-2, SB-11_10-12, SB-12_24-26, SB-14_0-2, SB-14_10-12, SB-14_25-27, and SODUP01_110625 are qualified as U at the sample concentration because of potential blank contamination.

The MS performed on sample SB-14_0-2 exhibited percent recoveries below the LCL for antimony (31%), copper (33.4%), lead (32.5%), and zinc (48.6%). The associated results are qualified as J or UJ because of potential low bias.

The MS performed on sample SB-11_0-2 exhibited a percent recovery below the LCL for antimony (34.2%). The associated result is qualified as UJ because of potential low bias.

The MS performed on sample SB-11_0-2 exhibited a percent recovery above the UCL for chromium (133%). The associated result is qualified as J because of potential high bias.

The laboratory duplicate and parent sample (SB-14_0-2) exhibited RPDs above the control limit for calcium (84.2%) and manganese (45.2%). The associated results are qualified as J because of potential indeterminate bias.

The laboratory duplicate and parent sample (SB-11_0-2) exhibited RPDs above the control limit for beryllium (94.9%), chromium (72.4%), cobalt (74.8%), copper (67.2%), lead (57.3%), nickel (72.4%), and zinc (119%). The associated results not previously qualified are qualified as J because of potential indeterminate bias.

The post-digestion spike performed on sample SB-14_0-2 exhibited percent recoveries below the LCL for aluminum (3.36%), calcium (-0.19%), iron (-86.6%), and magnesium (61.3%). The associated results not previously qualified are qualified as J because of potential low bias.

The post-digestion spike performed on sample SB-11_0-2 exhibited percent recoveries below the LCL for aluminum (7.04%), calcium (-63.1%), iron (-300%), and magnesium (50.9%). The associated results are qualified as J because of potential low bias.

25K0471

The MB for batch BK50678-BLK1 exhibited a detection of mercury (0.0506 mg/kg). The associated result <10X the blank concentration in samples SB-10_11-12, SB-10_13-14, SB-17_11-12, and SB-17_13-14 is qualified as J because of potential blank contamination.

The MS/MSD performed on sample SB-17_11-12 exhibited a percent recovery above the UCL for mercury (423%, 625%). The associated result is qualified as J because of potential high bias.

25K0595

The MS performed on sample SB-13_12-14 exhibited a percent recovery below the LCL for mercury (30.5%). The associated result is qualified as J because of potential low bias.

The MS performed on sample SB-13_12-14 exhibited a percent recovery below the LCL for antimony (48.6%). The associated result is qualified as UJ because of potential low bias.

Hexavalent Chromium by SW-846 Method 7196A

25K0346

The MS/MSD performed on sample SB-11_0-2 exhibited a percent recovery below the LCL for hexavalent chromium (65.6%, 74.5%). The associated result is qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

25K0346

The FB (SOFB01_110625) exhibited detections of acetone (1.55 ug/L) and chloroform (19.5 ug/L). The associated results are non-detect. No qualification is necessary.

The TB (SOTB01_110625) exhibited a detection of chloromethane (0.48 ug/L). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample SB_11_0-2 exhibited percent recoveries outside of control limits for several compounds (40% - 140%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

25K0595

The FB (SOFB02_11-11-25) exhibited detections of acetone (1.58 ug/L), bromodichloromethane (0.26 ug/L), and chloroform (19.4 ug/L). The associated results are non-detect. No qualification is necessary.

The LCS and/or LCSD for batch 8260-S-813898 exhibited percent recoveries above the UCL for acrolein (144%, 138%) and chloroethane (LCS = 133%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270E/8270DSIM

25K0346

The MS and/or MSD performed on sample SB-11_0-2 exhibited percent recoveries and/or RPDs outside of control limits for numerous compounds (Recoveries: 0% - 226%, RPDs: 34.9% - 94.1%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

25K0595

The MS and/or MSD performed on sample SB-13_12-14 exhibited percent recoveries below the LCL for fluoranthene (MSD = 6.04%) and pyrene (7.6%, 1.92%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

The sample SB-15_25-27 exhibited a percent recovery above the UCL for the surrogate 1,4-dioxane-d8 (172%). The associated results are non-detect. No qualification is necessary.

PFAS by USEPA Method 1633A

25K0346

The FB (SOFB01_110625) exhibited detections of N-MeFOSA (11.1 ng/L), perfluoro-1-decanesulfonic acid (PFDS) (8.46 ng/L), perfluoro-1-nonanesulfonic acid (PFNS) (2.43 ng/L), perfluorodecanoic acid (PFDA) (0.898 ng/L), perfluorooctanesulfonic acid (PFOS) (1.68 ng/L), perfluorotridecanoic acid (PFTrDA) (5.39 ng/L), and perfluoroundecanoic acid (PFUnA) (17.1 ng/L). The associated results are >10x the blank concentration or non-detect. No qualification is necessary.

25K0595

The MSD performed on sample SB-13_12-14 exhibited a percent recovery below the LCL for 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (68.4%). Organic results are not qualified based on MSD recoveries alone. No qualification is necessary.

Pesticides by SW-846 Method 8081B

25K0595

The MS/MSD performed on sample SB-13_12-14 exhibited a percent recovery below the LCL and an RPD above the control limit for delta-HCH (1,2,3,4,5,6-hexachlorocyclohexane) (MS = 26.6%, RPD = 33.8%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

The sample SB-13_3-5 exhibited a RPD above the control limit between the primary and secondary GC columns for p,p'-DDT. The associated results were previously qualified. No further action is necessary.

PCBs by SW-846 Method 8082A

25K0346

The MS performed on sample SB-11_0-2 exhibited a percent recovery below the LCL for Aroclor 1016 (26.9%). Organic results are not qualified based on MS recoveries alone. No qualification is necessary.

Herbicides by SW-846 Method 8151A

25K0595

The LCS for batch BK50899 exhibited percent recoveries above the UCL for 2,4-D (dichlorophenoxyacetic acid) (141%), (2,4,5-trichlorophenoxy) acetic acid (158%), and silvex (2,4,5-TP) (134%). The associated results are non-detect. No qualification is necessary.

The MS performed on sample SB-13_12-14 exhibited percent recoveries above the UCL for 2,4-D (dichlorophenoxyacetic acid) (120%) and silvex (2,4,5-TP) (124%), and an RPD above the control limit for (2,4,5-trichlorophenoxy) acetic acid (38.4%). Organic results are not qualified based on MS recoveries alone. No qualification is necessary.

Metals by SW-846 Method 6010D/7470/7473

25K0346

The MS performed on sample SB-14_0-2 exhibited percent recoveries outside of control limits for aluminum (-414%), calcium (8800%), iron (1050%), magnesium (143%), manganese (311%), and potassium (-112%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample SB-11_0-2 exhibited percent recoveries outside of control limits for aluminum (1000%), calcium (-1970%), copper (68.7%), iron (4980%), lead (382%), magnesium (239%), manganese (153%), potassium (235%), and zinc (-94.8%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

25K0471

The laboratory duplicate and parent sample (SB-17_11-12) exhibited a RPD above the control limit for mercury (148%). The associated results were previously qualified. No further action is necessary.

25K0510

The MB for batch BK50678 exhibited a detection of mercury (0.0506 mg/kg). The associated results are >10x the blank concentration. No qualification is necessary.

25K0595

The MS performed on sample SB-13_12-14 exhibited percent recoveries outside of control limits for aluminum (-23.3%), calcium (67.9%), iron (1060%), magnesium (-3.08%), manganese (64.5%), and potassium (29.7%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The post-digestion spike performed on sample SB-13_12-14 exhibited a percent recovery below the LCL for iron (17.7%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATES:

Two field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to the precision criteria:

- SODUP01_110625 and SB-11_0-2
- SODUP02_111125, SB-13_12-14

The field duplicate and parent sample (SODUP01_110625 and SB-11_0-2) exhibited RPDs above the control limit for trivalent chromium (56.9%), chromium (56.9%), and zinc (71.1%). The associated results not previously qualified are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (SODUP02_111125, SB-13_12-14) exhibited RPDs above the control limit for calcium (60%), iron (70.1%), and vanadium (76.8%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (SODUP02_111125, SB-13_12-14) exhibited absolute differences above the RL for copper (4.8 mg/kg), mercury (1.3992 mg/kg), benzo(a)anthracene (0.2067 mg/kg), benzo(a)pyrene (0.2087 mg/kg), benzo(g,h,i)perylene (0.2147 mg/kg), chrysene (0.2237 mg/kg), fluoranthene (0.4317 mg/kg), phenanthrene (0.1827 mg/kg), and pyrene (0.5367 mg/kg). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: December 29, 2025

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
December 2024 Groundwater Samples
Langan Project No.: 170794301

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in December 2024 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by Pace Analytical Services – Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs), metals, cyanide, hexavalent chromium, and trivalent chromium by the methods specified below.

- VOCs by SW-846 Method 8260D
- Metals by SW-846 Method 6020B/7470A
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One (1) Sample Delivery Group (SDG) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. No minor deficiencies were identified.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

Metals by SW-846 Method 6020B/7470A

L2470707

The MB for batch WG2006207 exhibited a detection of dissolved sodium (0.0606 mg/L). The associated results are >10x the blank concentration. No qualification is necessary.

FIELD DUPLICATES:

A field duplicate and parent sample pair was not collected and analyzed.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: January 23, 2026

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
November 2025 Groundwater Samples
Langan Project No.: 170794301

This memorandum presents the findings of analytical data validation from the analysis of groundwater samples collected in November 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide, hexavalent chromium, and trivalent chromium by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E/8270DSIM
- PFAS by USEPA Method 1633A
- Pesticides by SW-846 Method 8081B
- PCBs by SW-846 Method 8082A
- Herbicides by SW-846 Method 8151A
- Metals by SW-846 Method 6010D/6020B/7470
- Cyanide by SM Method 4500-CN-E
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Two (2) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.

J – The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.

U – The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. The section below describes the major deficiencies that were identified.

VOCs by SW-846 Method 8260D

25K1129

The FB (GWFB01_11202025) exhibited a detection of chloroform at a concentration greater than 10x the reporting limit (Concentration = 16.8 ug/L, reporting limit = 0.5 ug/L). The associated results in samples MW-10_11202025, MW-13_11202025, MW-15_11202025, and GWDUP01_11202025 are qualified as R because of potential gross blank contamination.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

25K1129

The LCS for batch BK51431 exhibited percent recoveries below the LCL for bromoform (75.2%) and tetrachloroethylene (57.9%). The associated results in samples MW-10_11202025, MW-15_11202025, and GWDUP01_11202025 are qualified as J or UJ because of potential low bias.

The LCS/LCSD for batch BK51675 exhibited a RPD above the control limit for dichlorodifluoromethane (48.2%). The associated result in sample MW-13_11202025 is qualified as J because of potential indeterminate bias.

The LCS/LCSD for batch BL50040 exhibited a percent recovery below the LCL for tetrachloroethylene (68.5%, 70.7%). The associated result in sample MW-13_11202025 is qualified as UJ because of potential low bias.

25K1151

The LCS for batch BK51431 exhibited percent recoveries below the LCL for bromoform (75.2%) and tetrachloroethene (PCE) (57.9%). The associated results in sample MW-11_11212025 are qualified as J or UJ because of potential low bias.

SVOCs by SW-846 Method 8270E/8270DSIM

25K1129

The LCS/LCSD for batch BK51418 exhibited RPDs above the control limit for 2,4-dinitrophenol (22.6%) and benzoic acid (47.4%). The associated results in samples MW-10_11202025, MW-15_11202025, and GWDUP01_11202025 are qualified as UJ because of potential indeterminate bias.

25K1151

The LCS and/or LCSD for batch BK51418 exhibited percent recoveries below the LCL for 4-nitrophenol (LCS = 0%) and benzoic acid (0%, 14.4%). The associated results in sample MW-11_11212025 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BK51418 exhibited RPDs above the control limit for 2,4-dinitrophenol (22.6%), 4-nitrophenol (38.4%), and benzoic acid (47.4%). The associated result not previously qualified in sample MW-11_11212025 is qualified as UJ because of potential indeterminate bias.

The LCS for batch BK51419 (SIM) exhibited percent recoveries below the LCL for nitrobenzene (0%) and n-nitrosodimethylamine (0%). The associated results in sample MW-11_11212025 are qualified as UJ because of potential low bias.

PFAS by USEPA Method 1633A

25K1129

The LCS for batch BK51376 exhibited percent recoveries below the LCL for HFPO-DA (Gen-X) (29.2%) and perfluoroundecanoic acid (PFUnA) (68.2%). The associated results in samples MW-15_11202025 and GWDUP01_11202025 are qualified as UJ because of potential low bias.

The sample GWDUP01_11202025 exhibited percent recoveries above the UCL for the isotope dilution standards M3PFBS (141%), perfluoro-1-[13C8]octanesulfonamide (M8FOSA) (131%), and perfluoro-n-[13C5]pentanoic acid (M5PFPeA) (140%). The associated results are qualified as J or UJ because of potential low bias.

The sample MW-10_11202025 exhibited percent recoveries above the UCL for the isotope dilution standards M3PFBS (136%), M6PFDA (131%), and perfluoro-n-[13C5]pentanoic acid (M5PFPeA) (132%). The associated results are qualified as J or UJ because of potential low bias.

The sample MW-13_11202025 exhibited percent recoveries above the UCL for the isotope dilution standards M3PFBS (137%) and perfluoro-n-[13C5]pentanoic acid (M5PFPeA) (135%). The associated results are qualified as J or UJ because of potential low bias.

The sample MW-15_11202025 exhibited percent recoveries above the UCL for the isotope dilution standards M3PFBS (153%), M3PFHxS (138%), and perfluoro-n-[13C5]pentanoic acid (M5PFPeA) (141%). The associated results are qualified as J or UJ because of potential low bias.

Pesticides by SW-846 Method 8081B

25K1129

The sample MW-10_11202025 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (10.4%). The associated results are qualified as UJ because of potential low bias.

The sample MW-13_11202025 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (13.9%). The associated results are qualified as UJ because of potential low bias.

Metals by SW-846 Method 6010D/6020B/7470

25K1129

The FB (GWFB01_11202025) exhibited detections of total calcium (0.244 mg/L) and total thallium (1.97 ug/L). The associated results <10X the blank concentration in samples MW-10_11202025, MW-13_11202025, MW-15_11202025, and GWDUP01_11202025 are qualified as U at the sample concentration because of potential blank contamination.

The MS performed on sample MW-13_11202025 exhibited a percent recovery below the LCL for total beryllium (45.3%). The associated result is qualified as UJ because of potential low bias.

The MS performed on sample MW-13_11202025 exhibited a percent recovery below the LCL for dissolved beryllium (44.5%). The associated result is qualified as UJ because of potential low bias.

The laboratory duplicate and parent sample (MW-13_11202025) exhibited RPDs above the control limit for total chromium (40%), total iron (40.6%), and total vanadium (22.2%). The associated results are qualified as J because of potential indeterminate bias.

The laboratory duplicate and parent sample (MW-13_11202025) exhibited RPDs above the control limit for dissolved chromium (42.4%) and dissolved iron (20.3%). The associated results are qualified as J because of potential indeterminate bias.

25K1151

The assessment of the total and dissolved metal fractions in sample MW-11_11212025 exhibited an RPD above the control limit for calcium (51.6%), magnesium (101.6%), manganese (126%), and sodium (52%). The associated results are qualified as J because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

25K1129

The MB for batch BK51431 exhibited a detection of hexachlorobutadiene (0.27 ug/L). The associated results are non-detect. No qualification is necessary.

The LCS and/or LCSD for batch BK51675 exhibited percent recoveries above the UCL for acrolein (189%, 177%), chloroethane (151%, 156%), and dichlorodifluoromethane (LCSD = 158%). The associated results are non-detect. No qualification is necessary.

The MS/MSD performed on sample MW-13_11202025 exhibited percent recoveries below the LCL for chloroform (79.9%), tetrachloroethylene (-284%, -287%), and toluene (61.5%, 56.7%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

25K1151

The MB for batch BK51431 exhibited a detection of hexachlorobutadiene (0.27 ug/L). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270E/8270DSIM

25K1129

The LCSD for batch BK51418 exhibited a percent recovery above the UCL for 2,3,4,6-tetrachlorophenol (140%). The associated results are non-detect. No qualification is necessary.

The LCSD for batch BK51418 exhibited a percent recovery below the LCL for benzoic acid (14.4%). The associated results were previously qualified. No further action is necessary.

The LCS for batch BK51419 (SIM) exhibited a percent recovery above the UCL for hexachloroethane (173%). The associated results are non-detect. No qualification is necessary.

The MS/MSD performed on sample MW-13_11202025 exhibited a percent recovery below the LCL for 4-nitrophenol (0%, 0%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

The MS/MSD performed on sample MW-13_11202025 exhibited a RPD above the control limit for 1,4-dioxane (SIM) (59.9%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

25K1151

The LCSD for batch BK51418 exhibited a percent recovery above the UCL for 2,3,4,6-tetrachlorophenol (140%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BK51419 (SIM) exhibited a percent recovery above the UCL for hexachloroethane (173%). The associated results are non-detect. No qualification is necessary.

Herbicides by SW-846 Method 8151A

25K1129

The MS/MSD performed on sample MW-13_11202025 exhibited a percent recovery above the UCL for 2,4,5-TP (silvex) (240%, 259%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

Metals by SW-846 Method 6010D/6020B/7470

25K1129

The MS performed on sample MW-13_11202025 exhibited percent recoveries below the LCL for total calcium (-10.4%), total magnesium (66.8%), and total sodium (-38.3%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The post-digestion spike performed on sample MW-13_11202025 exhibited a percent recovery above the UCL for total silver (129%). The associated result is non-detect. No qualification is necessary.

The post-digestion spike performed on sample MW-13_11202025 exhibited a percent recovery below the LCL for total sodium (68.5%). The associated result in the parent sample is >4X the spiked amount. No qualification is necessary.

The post-digestion spike performed on sample MW-13_11202025 exhibited percent recoveries below the LCL for dissolved calcium (38.2%) and dissolved sodium (12.7%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

Hexavalent Chromium by SW-846 Method 7196A

25K1129

The MSD performed on sample MW-13_11202025 exhibited a percent recovery above the UCL for hexavalent chromium (125%). The associated result is non-detect. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to the precision criteria:

- GWDUP01_11202025 and MW-10_11202025

The field duplicate and parent sample (GWDUP01_11202025 and MW-10_11202025) exhibited RPDs above the control limit for dissolved magnesium (33.1%), total magnesium (32.5%), dissolved manganese (140.3%), total manganese (146.8%), dissolved sodium (58.8%), total sodium (57.4%), and tetrachloroethylene (34.1%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (GWDUP01_11202025 and MW-10_11202025) exhibited absolute differences above the RL for perfluorohexanesulfonic acid (PFHxS) (2.2 ng/L), perfluorooctanesulfonic acid (PFOS) (9.51 ng/L), dissolved barium (0.0669 mg/L), total barium (0.0689 mg/L), dissolved potassium (6.28 mg/L), total potassium (6.69 mg/L), cis-1,2-dichloroethylene (1.06 ug/L), dichlorodifluoromethane (2.42 ug/L), and trichloroethylene (0.51 ug/L). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified, with the exception of the rejected results. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 99.7%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: December 26, 2025

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
December 2024 Soil Vapor and Ambient Air Samples
Langan Project No.: 170794301

This memorandum presents the findings of an analytical data validation from the analysis of air samples collected in December 2024 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by Pace Analytical Services – Mansfield, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the method specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One (1) Sample Delivery Group (SDG) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15

L2471065

The sample SV04_120424 exhibited a laboratory-measured receipt pressure above -2 in. Hg (-1.8 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

The sample SV05_120424 exhibited a laboratory-measured receipt pressure above -2 in. Hg (1.5 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by USEPA Method TO-15

L2471065

The LCS for batch WG2010934 exhibited a percent recovery above the UCL for chloroethane (138%). The associated results are non-detect. No qualification is necessary.

The LCS for batch WG2011950 exhibited percent recoveries above the UCL for 1,2,4-trichlorobenzene (134%) and benzyl chloride (141%). The associated results are non-detect. No qualification is necessary.

FIELD DUPLICATES:

A field duplicate and parent sample pair was not collected and analyzed for this project.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that

means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Stuart Knoop, Langan Senior Project Manager

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: January 2, 2026

Re: Data Usability Summary Report
For 1250 Willoughby Avenue
November 2025 Soil Vapor and Ambient Air Samples
Langan Project No.: 170794301

This memorandum presents the findings of an analytical data validation from the analysis of air samples collected in November 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 1250 Willoughby Avenue site. The samples were analyzed by ALS/York Analytical Laboratories (NYSDOH NELAP registration # 12058) for volatile organic compounds (VOCs) by the method specified below.

- VOCs by USEPA Method TO15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One (1) Sample Delivery Group (SDG) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15

25K0598

The sample AA01_111125 exhibited a difference between field and laboratory-measured final pressures above 5 in. Hg (6.5 in. Hg). The associated results are qualified as J or UJ because of potential indeterminate bias.

The MB for batch BK51114 exhibited a detection of isopropanol (0.27 ug/m3). The associated results <10X in samples SV10_111125, SV11_111125, SV13_111125, SV15_111125, and AA01_111125 are qualified as U at the reporting limit because of potential blank contamination.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

FIELD DUPLICATES:

A field duplicate and parent sample pair was not collected and analyzed for this project.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

APPENDIX I

Fish and Wildlife Resources Impact Analysis

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	(2)
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	(3)
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	(4)	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	(5)
5. Has the contamination gone off-site?	6	(14)
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		No