Remedial Investigation Report

for

198-200 Conover Street
Brooklyn, New York
Block 574, Lots 30 & 31
NYSDEC BCP Site No. C224256

Prepared For:

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LIST OF ACRONYMS

Acronym	Definition
AOC	Areas of Concern
ASP	Analytical Services Protocol
BCP	Brownfield Cleanup Program
bgs	Below Grade Surface
CAMP	Community Air Monitoring Program
CHASP	Construction Health and Safety Plan
COC	Contaminants of Concern
CSM	Conceptual Site Model
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
ECD	ECD NY Inc.
EIMS	Environmental Information Management System
el	Elevation
ELAP	Environmental Laboratory Approval Program
EM	Electromagnetic
EPA	United States Environmental Protection Agency
EQuIS	Environmental Quality Information Systems
ESA	Environmental Site Assessment
eV	Electron volt
FEMA	Federal Emergency Management Agency
FWRIA	Fish and Wildlife Resources Impact Analysis
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
ICP	Inductively Coupled Plasma
IDW	Investigation Derived Waste
MS/MSD	Matrix Spike/Matrix Spike Duplicate
Nova	Nova Geophysical Engineering
NYCRR	New York Codes, Rules, and Regulations
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyl
PFAS	Per- and polyfluoroalkyl substances
PID	Photoionization Detector
PPE	Personal Protective Equipment

Acronym	Definition
ppm	Parts per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RIR	Remedial Investigation Report
RL	Reporting Limit
RUI	Restricted Use Industrial
RUR	Restricted Use Residential
SCO	Soil Cleanup Objective
SGV	Standards and Guidance Value
SMP	Site Management Plan
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series
UN/DOT	United Nations/Department of Transportation
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UU	Unrestricted Use
VOC	Volatile Organic Compound

CERTIFICATION

I, Gerald Nicholls, certify that I am currently a NYS registered professional engineer as defined in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Report (RIR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation and DER-31 Green Remediation.



Gerald Nicholls, P.E., 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 NYM 145 Wolcott, LLC (the "Volunteer") for the properties at 198-200 Conover Street in the Red Hook neighborhood of Brooklyn, New York (the site). The Volunteer will remediate the site concurrently with site redevelopment under the New York State Brownfield Cleanup Program (BCP) for BCP Site No. C224256, pursuant to a Brownfield Cleanup Agreement (BCA) Amendment approval by the New York State Department of Environmental Conservation (NYSDEC). A site location map is provided in Figure 1.

The site is identified as Block 574, Lots 30 and 31 on the Brooklyn Borough Tax Map. The site occupies an area of approximately 5,000 square feet (0.12 acres). The site contains a vacant multi-family residential building (Lot 30) and a vacant single family residential building (Lot 31).

This RIR presents environmental data and findings from a remedial investigation (RI) that was completed between 6 January 2025 and 18 February 2025. The investigation included a geophysical survey; advancement of soil borings; installation of groundwater monitoring wells; installation of soil vapor 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 site is 5,000 square feet in area (0.12 acres) and- located at 198-200 Conover Street in an area characterized by institutional, industrial, residential, and commercial properties. The site is identified as Block 574, Lots 30 and 31 on the Brooklyn Borough Tax Map. The site is improved with a three-story multi-family residence on Lot 30 and a two-story single-family residence on Lot 31. The residential building on Lot 30 occupies a footprint of about 769 square feet and includes a cellar. The rear yard at Lot 30 is partially paved and partially covered with artificial turf. The residence on Lot 31 occupies a footprint of about 586 square feet and includes a cellar. The exterior yard of Lot 31 is partially paved with bricks near the rear of the building; the remainder of the yard is covered with grass and contains a storage structure.

The site is bound by a vacant lot (145-165 Wolcott Street) followed by Wolcott Street to the northeast; Conover Street followed by institutional and residential properties to the southeast; a vacant commercial building (202 Conover Street) followed by Dikeman Street to the southwest; and an industrial building (158 Dikeman Street) followed by commercial and residential buildings to the northwest. The adjoining property at 145-165 Wolcott Street is enrolled in the NYSDEC BCP as Site No. C224256. A site layout map is shown in Figure 2.

2.2 Site History

2.2.1 Historical Site Use

The site is depicted on historical Sanborn and topographic maps in an urban area with a gridded roadway network since at least 1886. Historical records indicate that the site use has been residential since the late 1800s. The current configuration of residential buildings on Lots 30 and 31 was established as early as 1886 and the existing buildings were constructed in approximately 1901. The two residential building were vacated in March 2025. City records indicate continuous residential use since at least 1934.

2.2.2 Previous Environmental Reports

The following previous environmental reports are summarized below.

- Phase I ESA for 198 Conover Street, prepared by Langan, dated 30 July 2024
- Phase I ESA for 200 Conover Street, prepared by Langan, dated 02 December 2024

The Phase I ESAs identified the following Recognized Environmental Concern (REC):

- Documented Contamination at Adjoining Brownfield Cleanup Program (BCP) Site: The northeastern-adjoining property at 145-165 Wolcott Street is enrolled in the NYSDEC BCP (Site No. C224256), based on the confirmed presence of petroleum- and tar-impacted

groundwater, free-phase petroleum product, free-phase tar material, and soil vapor impacted with chlorinated volatile organic compounds (VOCs).

2.3 Geological Conditions

2.3.1 Regional and Site Geology

According to the 1857 Atlas of the Borough of Brooklyn, prepared by E. Belcher Hyde, the Red Hook area was originally comprised largely of several small low-lying islands separated by tidal estuaries and ponds. The site was located roughly 10 to 30 feet south and inboard of the roughly east-west trending shoreline near the northern margin of a former island. The Red Hook area was filled incrementally between the mid- to late 19th century to raise surface grades and extend the shoreline outward to the north and east.

The RI identified a layer of non-native soil extending from the ground surface to between about 3 and 10 feet below grade surface (bgs); the non-native soil predominantly consists of fine-grained sand with varying amounts of silt, woody vegetation, and anthropogenic material including brick, ceramics, coal, slag, and coal ash. Native soil underlies the non-native material and predominantly consists of fine-grained sand and silty sand with varying amounts of clay. Based on Langan investigations in the vicinity of the subject property, bedrock depth is estimated to be at least 110 feet bgs.

2.3.2 Regional and Site Hydrogeology

Surface water bodies are not present within the boundary of the subject property. The nearest surface water body is the New York Harbor located approximately 1,000 feet west of the subject property. 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 vegetation cover, coverage by impervious surfaces, and subsurface structures. Other factors influencing groundwater include depth to bedrock, the presence of anthropogenic fill, and variability in local geology and groundwater sources or sinks.

Groundwater elevations[1] (el) data measured during a synoptic gauging event varied between el +1.09 and +0.53 (approximately 7.84 to 8.14 feet bgs). The inferred direction of groundwater flow is towards the southeast, based on gauging conducted during previous Langan investigations at the adjacent property, Block 574, Lot 1 (NYSDEC BCP Site No. C224256). H

[1] Elevations presented herein are in feet relative to the North American Vertical Datum of 1988 (NAVD88).

owever, temporal variations in groundwater elevations of more than 1.5 feet observed during multiple days indicate that anthropogenic factors (e.g., buried utilities) and the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline likely influence groundwater elevations and the direction of groundwater flow.

Groundwater in Brooklyn is not used as a potable water source. Potable water in the vicinity of the subject property is provided by the City of New York and derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

2.3.3 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 Upper New York Harbor is about 1,000 feet west of the site and is identified as an estuarine and marine deep-water habitat. According to the Federal Emergency Management Agency (FEMA) September 5, 2007 Flood Insurance Rate Map (FIRM) Panel 3604970192F, the site area is mapped in Zone X, which is determined to have a 0.2% annual chance flood hazard.

2.4 Proposed Redevelopment Plan

The site is a portion of a larger redevelopment plan, which includes the northwest adjoining property at 145-165 Wolcott Street (Block 574, Lot 1). The proposed redevelopment plan includes the demolition and removal of all existing site structures and construction of a multi-story industrial facility across Lots 1, 30, and 31 for film and television production. The facility will include sound stages, production support, and ancillary office spaces with subgrade parking. The portion of the redevelopment covering the site will consist of a cellar that will be used for storage and accessory office space and a ground floor film production studio open to the floors above (Floors 1 through 4). The new building will occupy the entire site footprint and the entirety of the northeast-adjoining Lot 1. Anticipated excavation areas and depths for the on-site portion of the proposed redevelopment include excavation to about 4 to 7 feet bgs (about el. -10) to accommodate construction of the cellar level across the entire site. The proposed redevelopment plans are included as Appendix A.

2.5 Potential Areas of Concern

A Potential Area of Concern (PAOC) was identified prior to the investigation based on previous environmental reports prepared by Langan, including the Phase I ESAs for 198 and 200 Conover Street as well as for the adjoining BCP Site No. C224256 at 145-165 Wolcott Street. The PAOC investigated during the RI are described below.

PAOC 1: Non-Native Fill

The site is located in an area that historically straddled the shoreline of an island within the East River. The site and surrounding shoreline adjacent areas were backfilled will material from

unknown sources between the mid to late 1800s. Non-native fill extending to depths of up to 22 feet below grade surface was identified at the adjoining lot, BCP Site No. C224256. According to previous reports, the non-native fill at BCP Site No. C224256 contained concentrations of semivolatile organic compounds (SVOC), metals, polychlorinated biphenyls (PCB), and pesticides at concentrations above the Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted Industrial (RUI) Soil Cleanup Objectives (SCO), attributed to the presence of anthropogenic debris including coal, ash, and brick material.

3.0 FIELD INVESTIGATION

Langan conducted the RI between 6 January 2025 and 18 February 2025 to investigate and characterize the nature and extent of contamination at the site. The RI included the following scope of work:

Geophysical Survey

- Conducted geophysical survey to identify anomalies indicative of underground storage tanks (UST) and associated piping and clear boring locations from physical and subsurface utilities and structures.

Soil Borings and Sampling

- Advanced seven soil borings to about 17 feet bgs
- Field screened 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
- Collected two soil samples per boring (total of 15 soil samples, including Quality assurance/quality control (QA/QC) samples) for laboratory analysis

Monitoring Well Installation and Sampling

- Installed five permanent monitoring wells at about 13 and 14 feet bgs at select soil boring locations
- Collected one groundwater sample from each newly installed monitoring well (total of six groundwater samples, including QA/QC samples) for laboratory analysis
- Surveyed the top of casing elevation of the five monitoring wells

Soil Vapor Sampling

- Installed four temporary soil vapor points
- Collected one vapor sample from each soil vapor point (total of 4 soil vapor samples) for laboratory analysis
- Collected one ambient air sample

Sample locations are shown on Figure 3, and a soil boring, monitoring well, and soil vapor point sample collection summary is provided as Table 1.

3.1 Geophysical Survey and Utility Location

Prior to ground-intrusive activities, the New York One-Call Center was contacted for utility mark-outs. On 6 January 2025, under the observation of Langan personnel, Nova Geophysical Services, Inc. (Nova) conducted a geophysical survey using ground-penetrating radar (GPR) and

electromagnetic (EM) detection equipment across accessible exterior areas of the site and sidewalks fronting the site to identify the potential presence of subsurface utilities and/or structures at proposed boring locations, and to investigate for the potential presence of USTs, subsurface utilities and pipes, and/or other geophysical anomalies that may be encountered during the investigation.

Anomalies indicative of potential utilities (i.e., sewer, water, and gas lines) and an unidentified linear anomaly were detected across the Conover Street sidewalk fronting the site. Electrical and telecommunication lines were confirmed to be overhead lines. An unidentified anomaly was detected within the paved area in the southeast part of the Lot 30 rear yard. The presence of this anomaly did not impact proposed soil boring locations. Evidence of USTs and associated appurtenances was not identified. The Geophysical Survey Report is included as Appendix B.

3.2 Soil Investigation

Coastal Environmental Solutions, Inc. (Coastal) of Holbrook, New York advanced seven soil borings between 7 January and 10 January 2025 under the observation of Langan field personnel. The borings were advanced to gather sufficient information about site-related contamination to facilitate the remedy selection process. Soil boring locations are shown on Figure 3.

3.2.1 Investigation Methodology

Coastal advanced seven soil borings from grade surface to a depth of about 17 feet bgs. Four soil borings (SB-019 through SB-022) were precleared to 7 feet bgs using hand tools and advanced below 7 feet bgs with a track-mounted Geoprobe® 7220 DT direct-push drill rig. Two borings (SB-016 and SB-017) were advanced from grade surface to 17 feet bgs using a track-mounted Geoprobe® 7220 DT direct-push drill rig, and one boring (SB-018) was advanced from grade surface to 17 feet bgs using a portable Geoprobe® 420M direct-push drill rig. Langan characterized and documented the borings and collected soil samples. Six soil samples were collected into MacroCore® samplers lined with 5-foot-long dedicated acetate sleeves and one soil sample was collected into a MacroCore® sampler lined with a 3-foot-long dedicated acetate sleeve. Langan field personnel maintained a field log documenting soil observations, 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, five boreholes (SB-016 through SB-020) were converted into permanent groundwater monitoring wells and two boreholes (SB-021 and SB-022) were backfilled with soil cuttings from the boring of origin. Soil boring logs documenting observations are included in Appendix C.

3.2.2 Sampling Methodology and Rationale

Langan collected 15 soil samples (including one QA/QC duplicate sample) for laboratory analysis. Two discrete soil samples were collected per boring, one from the shallowest non-native fill layer (0 to 2 feet bgs) and the second from the groundwater interface (5 to 8 ft bgs).

Soil samples were collected into laboratory-supplied containers and were sealed, labeled, placed in an ice-chilled cooler (to maintain a temperature of about 4°C), and transported via courier service to York Analytical, Inc. (York) under standard chain-of-custody protocol. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Stratford, Connecticut (ELAP No. 10854). Samples submitted for volatile organic compound (VOC) analysis were collected directly from the acetate liner by Terra Core® samplers. Soil samples were analyzed using the latest United States Environmental Protection Agency (USEPA) methods as follows for NYSDEC Part 375 list parameters:

- Target compound list (TCL) VOCs by USEPA Methods 8260D/5035
- TCL SVOCs by USEPA Method 8270E
- PCBs by USEPA Method 8082A
- Target analyte list (TAL) metals (including cyanide and hexavalent and trivalent chromium) by USEPA Methods 6010D/7471B/9010C/9012B/7196A
- Pesticides and herbicides by USEPA Methods 8081B and 8151A, respectively
- Per- and polyfluoroalkyl substances (PFAS) (40-compound list) by USEPA Method 1633

A sample collection summary is provided in Table 1.

3.3 Groundwater Investigation

Five groundwater monitoring wells were installed by Coastal on 07 and 13 January 2025. Monitoring well locations are shown on Figure 3.

3.3.1 Monitoring Well Installation and Development Methodology

Five soil borings (SB-016 through SB-020) were converted to permanent groundwater monitoring wells (MW-016 through MW-020). The monitoring wells were constructed with 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, and 10-foot-long, 20 slot (0.020 inches), PVC well screens set at depths of about 13 and 14 feet bgs to straddle the observed water table. Clean No. 2 sand was used to fill the annulus around each screen up to about 2 feet above the top of the screened interval. An about 1- to 2-foot-thick bentonite seal was installed above the sand to within 0.25 feet of the surface. The monitoring wells were finished at the surface with 4-inch-diameter, flush-mounted, steel access cover set within a concrete well box at surface grade.

After installation, the wells were developed by passing a whale pump across the well screen and casing to agitate and remove fines. The wells were then purged via pumping until the water was visually clear. The wells were then allowed to stabilize for at least one week prior to sampling. Monitoring well construction logs are included in Appendix D.

3.3.2 Monitoring Well Survey

Langan completed a survey of the groundwater monitoring wells on 18 February 2025. Elevations for the top of casing, top of manhole cover, and adjacent ground elevation were surveyed for each well and referenced to North American Vertical Datum of 1988 (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. Depth to groundwater was measured to the nearest 0.01 foot with a Solinst® water level meter after groundwater sampling during the RI. Depth to groundwater ranged between 7.84 feet bgs in MW-016 to 8.97 feet bgs in MW-020, and groundwater elevations were between el +1.09 in MW-016 and el +0.53 in MW-018. Water level measurements and groundwater elevations are summarized in Table 2.

Before sampling, the headspace of each monitoring well was screened with a PID. Monitoring wells were sampled in general accordance with the EPA's low-flow groundwater sampling procedure to allow for collection of a representative sample ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells," EQASOP-GW 001, 19 January 2010). 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 or until well was purged for one hour. Stabilization was achieved in three monitoring wells (MW-016, MW-017, and MW-020). Prior to sample collection, the depth to water was not measured 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 one labeled 55-gallon steel drum in preparation for off-site disposal.

A total of six groundwater samples, including one field duplicate sample, were collected from five monitoring wells for laboratory analysis. The samples were collected into laboratory-supplied containers and were sealed, labeled, placed in an ice-chilled cooler (to maintain a temperature of about 4°C), and transported via courier service to York for analysis. Samples submitted for dissolved 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 (1,4-dioxane by 8270 SIM isotope dilution)
- PCBs by USEPA Method 8082A
- TAL Metals (field-filtered and unfiltered) (including cyanide and hexavalent and trivalent chromium) by USEPA Method 6020B/7470A
- Pesticides and herbicides by USEPA Methods 8081B and 8151A, respectively
- PFAS (40-compound list) by USEPA Method 1633

A sample collection summary is provided in Table 1.

3.4 Soil Vapor Investigation

Four soil vapor samples and one ambient air sample were collected on 10 January 2025. Soil vapor sampling locations are shown on Figure 3.

3.4.1 Soil Vapor Point Installation and Methodology

Three soil vapor points (SV11, SV13, and SV14) were installed to a depth of about 4 feet bgs using a track-mounted Geoprobe® 7720DT drill rig. Accessibility limitations required the installation of one soil vapor point (SV12) to a depth of about 4 feet bgs using a portable Geoprobe® 420M drill rig. The soil vapor investigation was conducted in general accordance with the 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH Soil Vapor Guidance). Each soil vapor point consisted of a 1.875-inch polyethylene implant with Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing were 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.

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. When confirming the seal integrity of each soil vapor point, the helium detector would not calibrate to 0 parts per million (ppm) in ambient air and was reading between 0 and 150 ppm of helium. 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 York for analysis. The samples were analyzed for VOCs by EPA Method TO-15. A 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

- One duplicate sample
- One matrix spike/matrix spike duplicate (MS/MSD) sample
- One field blank sample
- Three trip blank samples

Groundwater QA/QC Samples

- One duplicate sample
- One MS/MSD sample
- One 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 PFAS-free water for PFAS-specific field blanks provided by the laboratory 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.

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 was reported 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 January 2025 RI were reported in NYSDEC ASP Category B deliverable format and validated by Mr. Joesph Conboy and Ms. Mariana Wissink of Langan, qualified data validators.

3.6.1 Data Usability Summary Reports

A DUSR was prepared for each sampling matrix for the 198-200 Conover Street Remedial Investigation dataset. The DUSRs present the results of the 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 by using Gojo scrubbing towels to wipe down the probe 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 two United Nations/Department of Transportation (UN/DOT)-approved 55-gallon steel drums with sealed tops. The drums were staged in a secured area to the north of the site. Both drums were transported off-site on 4 March 2025 by Brookside Environmental Inc. (Brookside), a licensed hauler, and disposed of at Clean Water of New York in Staten Island, New York. A copy of the facility-signed manifest is included in Appendix F.

4.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section summarizes the field observations and laboratory analytical results from the RI conducted between 6 January 2025 and 30 January 2025. Soil sample analytical results are compared to the NYSDEC Title 6 of the New York Codes, Rules and Regulations (6 NYCRRR) Part 375 Unrestricted Use (UU) SCOs, Restricted Use - Residential (RUR) SCOs, Restricted Use - Industrial (RUI) SCOs and Protection of Groundwater (PGW) SCOs. Groundwater sample analytical results are compared to the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGV) for Class GA Water (collectively referred to as "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 is provided as Table 1. A photographic log from the RI is included as Appendix G.

4.1 Geophysical Investigation Findings

The geophysical survey was performed on 6 January 2025 and identified anomalies resembling potential subsurface utilities, including sewer, water, and gas lines, under the sidewalk along Conover Street leading into the site buildings.

The geophysical survey report is provided in Appendix B.

4.2 Site Geology and Hydrogeology

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

4.2.1 Site Geology

4.2.1.1 Non-Native Fill

Non-native fill was observed immediately below the existing surface to depths ranging from about 3 feet bgs (SB-018) in the eastern part of the site to about 10 feet bgs (SB-020) in the northwestern part of the site. Fill generally consisted of brown and dark grayish brown, fine sand with varying amounts of silt, clay, gravel and anthropogenic material (brick, metal, coal ash, concrete and ceramics).

4.2.1.2 Native Soil

A native soil layer consisting of brown to orangish-brown fine sand with some silt and varying amounts of clay and gravel was observed below the fill layer throughout the site. An approximately 0.3-foot-thick clay lens was observed from 11 feet bgs to 11.3 feet bgs in boring SB-019 in the southwestern portion of the site.

4.2.1.3 Bedrock

Bedrock was not encountered during the RI. Based on previous Langan investigations, bedrock beneath the site is estimated to at a minimum depth of 110 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 fill and variability in local geology, proximity to tidal waters, and groundwater sources or sinks.

Groundwater elevations were between el +1.09 in the northern part of the site (MW-016) and el +0.53 in the northeastern part of the site (MW-018). Based on gauging conducted during previous Langan investigations at the adjacent property, Block 574, Lot 1 (NYSDEC BCP Site No. C224256), the inferred direction of groundwater flow is to the southeast; however, groundwater flow direction and gradient are likely influenced by the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline area, and anthropogenic factors, such as buried utilities and foundations. Water level measurements and groundwater elevations are summarized in Table 2.

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 were collected and analyzed for VOCs, SVOCs, pesticides, herbicides, PCBs, metals (including cyanide, hexavalent and trivalent chromium), and/or PFAS. A sample collection summary listing the analyses is provided as Table 1. Laboratory results are compared to the Part 375 UU SCOs, RUR SCOs, and RUI SCOs. Additionally, compounds detected in groundwater above the NYSDEC SGVs were also compared to the PGW SCOs in soil. Laboratory results for soil samples, with comparisons to the UU, RUR, PGW, and RUI SCOs are presented in Table 3 and shown on Figure 4. Laboratory analytical reports from the RI are included in Appendix H.

The analytical results are summarized below.

VOCs

VOCs were not detected in the soil samples.

SVOCs

SVOCs were detected above the UU, PGW, RUR and/or RUI SCOs in soil samples collected from soil borings SB-016, SB-017, SB-019, SB-020, and SB-021. The table below provides concentration ranges of SVOCs that were detected above the UU, RUR PGW, and RUI SCOs. SVOC concentrations above the UU SCOs are shown in **bold**, above the RUR are underlined, above the PGW are shaded, and above the RUI are **red/bold**.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RUR SCOs (mg/kg)	RUI SCOs (mg/kg)	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
SVOCs								
Benzo(a)anthracene	**1**	1	1	11	**1.65**	**SB21_0-2**	**7.12**	**SB19_0-2**
Benzo(a)pyrene	**1**	22	1	**1.1**	**1.22**	**SB21_0-2**	**8.43**	**SB19_0-2**
Benzo(b)fluoranthene	**1**	1.7	1	11	**1.58**	**SB21_0-2**	**7.18**	**SB19_0-2**
Benzo(k)fluoranthene	**0.8**	1.7	1	110	**1.68**	**SB16_0-2**	**1.98**	**SB19_0-2**
Chrysene	**1**	1	1	110	**1.48**	**SB21_0-2**	**8.86**	**SB19_0-2**
Dibenz(a,h)anthracene	**0.33**	*	0.33	**1.1**	**0.342**	**SB21_0-2**	**1.75**	**SB19_0-2**
Indeno(1,2,3-cd)pyrene	**0.5**	8.2	0.5	11	**0.55**	**SB17_0-2**	**6.17**	**SB19_0-2**

*PGW SCO not applicable

Pesticides

Pesticides were detected at concentrations above the UU SCOs in soil samples collected from soil borings SB-019 and SB-021. PGW SCOs were not applicable to pesticides. Pesticides were only detected at concentrations exceeding SCOs in samples collected from within the non-native fill layer. The table below provides concentration ranges of pesticides that were detected above the UU SCOs. Pesticide concentrations above the UU SCOs are shown in **bold**.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RUR SCOs (mg/kg)	RUI SCOs (mg/kg)	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
Pesticides								
4,4'-DDD	**0.0033**	*	2.6	180	**0.00537**	**SB19_0-2**	**0.00537**	**SB19_0-2**
4,4'-DDE	**0.0033**	*	1.8	120	**0.00532**	**SB21_0-2**	**0.0165**	**SB19_0-2**
4,4'-DDT	**0.0033**	*	1.7	94	**0.0131**	**SB21_0-2**	**0.0877**	**SB19_0-2**

*PGW SCO not applicable

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 RUR SCOs in soil samples collected from each of the seven soil borings. Metal concentrations did not exceed the RUI SCOs

The table below provides concentration ranges of metals that were detected above the UU, PGW, and RUR SCOs. Metal concentrations above the UU SCOs are shown in **bold**, above the PGW are shaded, and above the RUR are underlined.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg	RUR SCOs (mg/kg)	RUI SCOs (mg/kg)	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
Metals								
Barium	**350**	820	350	10000	**634**	**SB19_0-2**	**634**	**SB19_0-2**
Cadmium	**2.5**	7.5	2.5	60	**2.58**	**SB19_0-2**	**2.58**	**SB19_0-2**
Chromium, Hexavalent	**1**	*	22	800	**1.22**	**SB17_6-8**	**1.22**	**SB17_6-8**
Copper	**50**	1720	270	10000	**66.4**	**SB17_0-2**	**99.5**	**SB19_0-2**
Lead	**63**	450	400	3900	**141**	**SB16_0-2**	**1230**	**SB19_0-2**
Mercury	0.18	*	0.81	5.7	**0.198**	**SB20_6-8**	**1.84**	**SB20_0-2**
Nickel	**30**	130	140	10000	**32.9**	**SB20_0-2**	**299**	**SB19_5-7**
Zinc	**109**	2480	350	10000	**123**	**SODUP01_010725**	**1260**	**SB17_0-2**

*PGW SCO not applicable

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, RUR, and RUI Guidance Values (April 2023). PFAS were detected at concentrations above the UU and PGW guidance values in soil samples collected from the non-native fill layer in borings SB-016, SB-019, SB-020, and SB-021. The table below provides concentration ranges of PFAS compounds that were detected above the UU and PGW guidance values. PFAS concentrations above the UU guidance values are shown in bold.

Analyte	UU Guidance Value (mg/kg)	PGW Guidance Value (mg/kg)	RUR Guidance Value (mg/kg)	RUI Guidance Value (mg/kg)	Minimum Detected Concentration above SCOs		Maximum Detected Concentration above SCOs	
PFOA								
Perfluorooctanesulfonic Acid (PFOS)	**0.00088**	*	0.0088	0.44	**0.00101**	**SB16_0-2**	**0.00395**	**SB20_0-2**
Perfluorooctanoic Acid (PFOA)	**0.00066**	*	0.0066	0.6	**0.000921**	**SB16_0-2**	**0.000922**	**SB20_0-2**

*PGW SCO not applicable

4.4 Groundwater Findings

4.4.1 Field Observations

Monitoring wells were gauged for free product with an oil-water interface probe after installation and after sampling. Free product was not detected in any of the monitoring wells. Prior to sampling, well headspaces were screened with a PID; no readings exceeded 0.0 ppm. 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 RI are included in Table 4 and shown on Figure 5 with comparisons to the SGVs. The analytical results are summarized below.

VOCs

VOCs were not detected at concentrations exceeding SGVs.

SVOCs

SVOCs were not detected in at concentrations exceeding SGVs.

Pesticides

Pesticides were not detected in groundwater samples.

Herbicides

Herbicides were not detected in groundwater samples.

PCBs

PCBs were not detected in groundwater samples.

Total and Dissolved Metals

Total and/or dissolved metals were detected above the SGVs in groundwater samples collected from each of the five monitoring wells. The table below provides concentration ranges of metals (total and dissolved) above the SGVs.

Analyte	NYSDEC SGVs (µg/L)	Minimum Detected Concentration above SGVs (µg/L)		Maximum Detected Concentration above SGVs (µg/L)	
Metals - Dissolved					
Selenium	10	10.3	MW-017_011725	10.3	MW-017_011725
Sodium	20,000	29,200	MW-020_013025	36,400	MW-017_011725
Metals - Total					
Iron	300	348	MW-019_011725	51,800	MW-017_011725
Lead	25	30.7	GWDUP01_011725	40.2	MW-017_011725
Manganese	300	564	GWDUP01_011725	1,030	MW-017_011725
Nickel	100	193	MW-017_011725	193	MW-017_011725
Sodium	20,000	30,500	MW-020_013025	39,500	MW-017_011725

PFAS

PFOS and PFOA were detected above the SGVs in groundwater samples collected from all five monitoring wells. The table below provides concentration ranges of PFAS above the SGVs.

Analyte	NYSDEC SGVs	Minimum Detected Concentration above SGVs		Maximum Detected Concentration above SGVs	
PFOA					
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0106	MW-018_011725	0.051	MW-020_013025
Perfluorooctanoic Acid (PFOA)	0.0067	0.0131	MW-016_011725	0.147	MW-020_013025

4.5 Soil Vapor Findings

A summary of laboratory detections for RI soil vapor samples is included in Table 5 and shown on Figure 6. No standard currently exists for soil vapor in New York State.

Soil vapor analytical results are summarized in the table below:

Analyte	Minimum Detected Concentration (ug/m³)		Maximum Detected Concentration (ug/m³)	
VOCs				
1,2,4-Trimethylbenzene	0.85	SV-014_011025	1.1	SV-013_011025
2,2,4-Trimethylpentane	1.1	SV-012_011025	1.1	SV-012_011025

Analyte	Minimum Detected Concentration (ug/m³)		Maximum Detected Concentration (ug/m³)	
2-Hexanone (MBK)	5.5	SV-012_011025	5.5	SV-012_011025
Acetone	9.1	SV-014_011025	32	SV-012_011025
Acrylonitrile	64	SV-013_011025	64	SV-013_011025
Benzene	0.46	SV-014_011025	0.54	SV-012_011025
Bromodichloromethane	1	SV-013_011025	1	SV-013_011025
Carbon Disulfide	0.83	SV-011_011025	9.2	SV-012_011025
Carbon Tetrachloride	0.54	SV-014_011025	0.54	SV-014_011025
Chloroform	4.9	SV-014_011025	26	SV-011_011025
Chloromethane	0.33	SV-014_011025	0.33	SV-014_011025
Cis-1,2-Dichloroethene	0.17	SV-014_011025	0.29	SV-011_011025
Cyclohexane	1.6	SV-012_011025	1.6	SV-012_011025
Dichlorodifluoromethane	1.9	SV-011_011025	2.6	SV-013_011025
Ethylbenzene	0.74	SV-012_011025	0.74	SV-012_011025
Isopropanol	3.2	SV-014_011025	3.2	SV-014_011025
M,P-Xylene	2.7	SV-012_011025	2.7	SV-012_011025
Methyl Ethyl Ketone (2-Butanone)	0.97	SV-014_011025	54	SV-012_011025
n-Heptane	1.2	SV-012_011025	1.2	SV-012_011025
n-Hexane	1.2	SV-012_011025	1.2	SV-012_011025
o-Xylene (1,2-Dimethylbenzene)	0.71	SV-013_011025	0.92	SV-012_011025
Propylene	4.2	SV-012_011025	4.2	SV-012_011025
Tetrachloroethene (PCE)	2.4	SV-014_011025	79	SV-011_011025
Toluene	0.65	SV-014_011025	2.8	SV-012_011025
Trichloroethene (TCE)	2.9	SV-014_011025	5.2	SV-011_011025
Trichlorofluoromethane	1.1	SV-012_011025	1.3	SV-011_011025 SV-014_011025

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 I.

4.7 Data Usability

Category B laboratory reports for soil, groundwater and soil vapor samples were provided to Langan's data validator by York. Copies of the laboratory data reports are included as Appendix H. Copies of the DUSRs are provided in Appendix I. The results of the data validation review are summarized below.

The data were determined to be acceptable, however minor deficiencies were identified and are summarized in the DUSRs. Completeness, defined as the percentage of analytical results that are judged to be valid, is 100%. The data is considered usable, as qualified.

4.8 Identification of Areas of Concern

This section identifies and discusses the AOC and includes results from the RI. Th AOC location is shown on Figure 7.

4.8.1 AOC-1: Non-Native Fill

The site was historically located in an area that straddled the shoreline of an island within the East River. The site and surrounding shoreline adjacent areas were backfilled will material from unknown sources between the mid to late 1800s. Non-native fill containing anthropogenic material such as coal, brick, metal, coal ash, concrete and ceramics was encountered in all soil borings from grade surface to depths ranging from 3 to 10 feet bgs. Non-native soil may be associated with SVOC, metals, pesticide, and PFAS impacts in soil and groundwater.

AOC-1 Findings Summary

AOC-1 Soil

Non-native fill encountered during the RI was characterized as brown and dark grayish brown, fine sand with varying amounts of silt, clay, gravel and anthropogenic materials (coal, brick, metal, coal ash, concrete and ceramics). The fill layer contains SVOCs, pesticides, metals, and PFAS at concentrations above the UU, PGW, RUR, and/or RUI SCOs.

Results of the seven RI samples collected from the non-native fill interval are summarized as follows:

- SVOCs were detected at concentrations above the UU SCOs, PGW, RUR, and RUI SCOs in soil samples collected from the non-native fill interval.
- Pesticides were detected at concentrations above the UU SCOs in soil samples collected from the non-native fill interval at two boring locations.
- Metals were detected at concentrations above the UU, PGW, and/or RUR SCOs in soil samples collected from the non-native fill interval.
- PFOS and PFOA were detected at concentrations above the UU Guidance Values in soil samples collected from the non-native fill interval.

SVOCs, pesticides, and metals exceeding the SCOs and PFAS above the Guidance Values are attributed to the quality of non-native fill placed at the site.

AOC-1 Groundwater

Results of the five RI groundwater samples are summarized as follows:

- Two dissolved metals (selenium and sodium) were detected at concentrations above the NYSDEC SGVs in two of the five groundwater samples. The sodium detections are

attributable to the encroachment of saline seawater. The single selenium detection marginally exceeds the SGV and is potentially indicative of localized soil conditions.

- PFOS and PFOA were detected at concentrations above the NYSDEC SGVs in groundwater samples collected from each monitoring well. Based on the presence of PFAS above the SGVs throughout the site, the detections are likely attributable to regional groundwater conditions.

AOC-1 Conclusions

Non-native fill was identified beneath grade surface to depths between 3 and 10 feet bgs. SVOCs, pesticides, metals, and PFAS in soil are attributed to the quality of non-native fill. Metals and PFAS were detected in groundwater samples above NYSDEC SGVs and are attributed to regional groundwater conditions.

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 J.

5.1 Current Conditions

The site is 5,000 square feet in area (0.12 acres) and located at 198-200 Conover Street in an area characterized by institutional, industrial, residential, and commercial properties. The site is identified as Block 574, Lots 30 and 31 on the Brooklyn Borough Tax Map. The site is improved with a three-story multi-family residence on Lot 30 and a two-story single-family residence on Lot 31. The residential building on Lot 30 occupies a footprint of about 769 square feet and includes a cellar that houses the water, natural gas, and electrical meters, and a boiler room with a natural gas-fired water heater and boiler. The rear yard at Lot 30 is partially paved and partially covered with artificial turf. The residence on Lot 31 occupies a footprint of about 586 square feet and includes a cellar with living spaces and a natural gas boiler and living spaces on the upper floors. The exterior yard of Lot 31 is partially paved with bricks near the rear of the building; the remainder of the yard is covered with grass and contains a storage structure.

The site is bound by a vacant lot (145-165 Wolcott Street) followed by Wolcott Street to the northeast; Conover Street followed by institutional and residential properties to the southeast; a vacant commercial building (202 Conover Street) followed by Dikeman Street to the southwest; and an industrial building (158 Dikeman Street) followed by commercial and residential buildings to the northwest. The adjoining property at 145-165 Wolcott Street is enrolled in the NYSDEC BCP as Site No. C224256. A site layout map is shown in Figure 2.

The nearest ecological receptor is the New York Harbor located approximately 1,000 feet west of the subject property. 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	South Brooklyn Community High School (about 0.015 miles northeast of the site)	173 Conover St Brooklyn, NY 11231
2	P.S. 015 Patrick F. Daly (about 0.1 miles northeast of the site)	71 Sullivan St Brooklyn, NY 11231
3	Kid Cool Theremin School (about 0.18 miles northeast of the site)	159 Pioneer Street Brooklyn, NY 11231
4	Pupa Yeshiva Ketaneh (about 0.18 miles northeast of the site)	159 Pioneer Street Brooklyn, NY 11231
5	Louis Valentino, Jr. Park and Pier (about 0.3 miles west of the site)	Ferris St & Coffey St Brooklyn, NY 11231
6	Coffey Park (about 0.4 miles northeast the site)	85 Richards St Brooklyn, NY 11231
7	Pier 44 Waterfront Garden (about 0.2 miles to the west of the site)	258 Conover St Brooklyn, NY 11231
8	Learning Wheel Childcare (about 0.3 miles east of the site)	48 Sullivan Street Brooklyn, NY 11231
9	Confesora Daycare Group (about 0.38 miles southeast of the site)	470 Columbia Street, #6F Brooklyn, NY 11231
10	Red Hook Neighborhood School (about 0.43 miles east of the site)	27 Huntington Street Brooklyn, NY 11231
11	Summit Academy Charter School (about 0.43 miles northeast of the site)	27 Huntington St Brooklyn, NY 11231
12	Agnes Y Humphrey School for Leadership (about 0.43 miles east of the site)	27 Huntington Street Brooklyn, NY 11231
13	BASIS Independent Brooklyn Upper School (about 0.44 miles southeast of the site)	556 Columbia St Brooklyn, NY 11231
14	Bumble Bees Rus - Daycare (about 0.39 miles southeast of the sites)	76 Lorraine S Brooklyn, NY 11231
15	Erie Basin Park (about 0.34 miles southeast of the site)	458 Columbia St Brooklyn, NY 11231
16	Red Hook Park (about 0.49 miles southeast of the site)	Bay St, Brooklyn, NY 11231

5.2 Proposed Conditions

The proposed redevelopment project includes the construction of a multi-story film production studio, including soundstages, production support, and ancillary office spaces with subgrade storage in a partial cellar that will fully extend onto Lots 30 and 31. The new building will occupy the entire footprint of the site and the adjoining Lot 1. Proposed redevelopment plans are included in Appendix A.

5.3 Summary of Environmental Conditions

Soil contaminants of concern (COC) include SVOCs, pesticides, metals and PFAS compounds. Analysis of soil samples revealed SVOCs, pesticides, and metals at concentrations that exceeded the UU, PGW, RUR and RUI SCOs.

Non-native fill was encountered in all borings from the ground surface to depths between about 3 and 10 feet bgs. Non-native fill impacts include SVOCs, pesticides, metals, and PFAS compounds at concentrations above the UU, PGW, RUR and/or RUI SCOs. Petroleum-like impacts or PID readings above background levels were not identified in soil samples.

5.4 Conceptual Site Model

A conceptual site model (CSM) was developed based on the findings of the 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

Non-native fill has been identified as a potential source of contamination. The site-wide presence of non-native fill has been established to contain SVOCs, pesticides, metals and PFAS compounds.

5.4.2 Exposure Media

Soil is identified as the impacted media. Analytical data indicates that the non-native fill contains SVOCs, pesticides, metals and PFAS compounds above UU, PWG, RUR, and/or RUI SCOs. Dissolved sodium and PFAS compounds identified in groundwater are likely indicative of saline groundwater and regional conditions, respectively. Dissolved selenium in groundwater marginally exceeded the SGV at one sample location. Soil vapor samples contained petroleum-related VOCs and CVOCs; however, the detections were relatively low and do not represent a d soil vapor concern.

5.4.3 Receptor Populations

The site contains two vacant residential buildings with adjoining exterior yards. The site contains private fencing around the rear yards, which prevents access to the rear exterior areas. Secured construction fencing separates the site from the northeast-adjoining property at 145-165 Wolcott Street (BCP Site No. C224256). 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 vacant and consists of two vacant residential buildings with partial cellars and partially paved or landscaped rear yards northwest of the buildings. The top two feet of soil, which is impacted by contaminants associated with non-native fill, is exposed at the surface in portions of the rear yards; the exposed soil presents a potential exposure pathway. However, the site is vacant, with the exception of authorized visitors, and will remain vacant until the commencement of construction.

Because groundwater in this area of New York City 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 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 demolition; excavation; off-site disposal of non-native fill and soil; dewatering of contaminated groundwater; and construction of foundation components. Complete exposure pathways will be possible during these activities but would 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.

5.5.3 Proposed Future Conditions

The proposed redevelopment project is anticipated to include the construction of a multi-story film production studio with subgrade ancillary office spaces and storage. The site will be capped with a concrete building slab underlain by a waterproofing and vapor barrier membrane, and a sub-membrane depressurization (SMD) system. The redevelopment plan includes excavation of contaminated material; backfill with clean soil/fill, where necessary; and capping with building foundations. The concrete building slab, underlain by a waterproofing/vapor barrier membrane, will prevent direct exposure to impacted soil and groundwater that may be left in place; therefore, the pathway will not be complete.

There is no pathway for ingesting metal and PFAS-impacted groundwater, because the site and surrounding areas obtain their drinking water supply from surface water reservoirs including the Delaware, Catskill, and Croton watersheds and not from groundwater; therefore, the groundwater will not be intended for consumption.

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 is anticipated to primarily flow southwest towards New York Harbor; however, groundwater flow direction and gradient are likely influenced by the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline area and anthropogenic factors (e.g., buried utilities). Dewatering of groundwater will be required to accommodate excavation. Dewatering fluids will be pre-treated and discharged to the New York City sewer system, in accordance with an NYSDEC Long Island Well Permit and NYCDEP sewer discharge permit. Therefore, the potential for public exposure to groundwater on adjacent sites will be mitigated. 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 concrete building slabs, pavers, and landscaped grass, which stabilizes the soil in areas not covered with impervious surfaces
- 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 waterproofing/vapor barrier membrane beneath the cellar slab and along the foundation walls to grade surface.
- The site will also be covered by an impervious surface (i.e., a concrete foundation slab).
- The new building will be constructed with an SMD/perimeter soil vapor mitigation system below the cellar slab to mitigate the potential for soil vapor intrusion into the building and the off-site migration of soil vapor.

- Groundwater in Brooklyn is not used as a potable water source and the nearest ecological receptor is the New York Harbor, which is located approximately 1,000 feet west 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 compounds above SCOs, groundwater containing PFAS compounds and metals 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 partially covered by residential buildings and pavers, which partially prevent direct contact with soil and groundwater;
- The site is bound to the north by secured construction fencing, to the east by locked residential buildings and private fencing, and to the south and west by buildings, preventing 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, dust and organic vapors generated during excavation, and contaminated groundwater that will be encountered during excavation and localized dewatering operations. Routes of exposure include ingestion and dermal absorption of contaminated soil and groundwater and inhalation of dust arising from contaminated soil. 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 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 Remedial Action Work Plan (RAWP), which will include a CHASP, a Soil/Materials Management Plan (SMMP), 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 include potential cracks in the foundation or slab of the proposed development and exposure during any future soil-disturbing activities. Possible routes of exposure include dermal contact, ingestion and inhalation of contaminated soil or groundwater entering the building. The receptor population includes the building employees, visitors, and maintenance workers. The possible routes of exposure can be avoided or mitigated by removal of non-native fill; construction and maintenance of a site capping system (i.e., concrete building slabs or at least 1 feet of clean soil); installation of a waterproofing membrane and SMD system; 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 or groundwater 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 and inhalation of contaminated soil, groundwater, or soil vapor by construction workers.

b. 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 all or a majority of non-native fill will be excavated and removed from the site and any residual soil that remains will be capped with an impervious cover. The new building will incorporate a waterproofing/soil vapor barrier and an SMD system to mitigate soil vapor intrusion. Exposure to regional 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, RUR, and/or RUI SCOs, is attributed to the presence of non-native fill.

Contaminants related to non-native fill include SVOCs, pesticides, metals, and PFAS compounds. Non-native fill is located throughout the site from below the surface cover to depths between about 3 and 10 feet bgs. The non-native fill predominantly consists of brown and dark grayish brown, fine sand with varying amounts of silt, clay, gravel, and anthropogenic material (coal, brick, metal, coal ash, concrete and ceramic fragments). Field indications of soil impacts were not identified.

6.2 Groundwater Contamination

Groundwater sampling identified dissolved metals and PFAS compounds at concentrations above the SGVs. The ubiquitous presence of sodium in groundwater samples is likely attributable to saline seawater encroachment. Selenium detected at one location marginally exceeded the SGV and is indicative of a localized condition. The ubiquitous presence of PFOA and PFOS at concentrations above the SGVs is indicative of a regional groundwater condition; corresponding soil samples collected near the groundwater interface did not contain PFOA or PFOS at concentrations above the SCOs.

6.3 Soil Vapor Contamination

Petroleum-related VOCs and CVOCs were detected in soil vapor samples across the site. Total VOC concentrations ranged from about 27.77 microgram per cubic meter (µg/m^3) in the western part of the site (SV-014) to 132.35 µg/m^3 in the northern part of the site (SV-011). The concentrations of petroleum-related compounds (i.e., benzene-toluene-ethylbenzene-xylene [BTEX]) ranged from 0.65 µg/m^3 in the western part of the site (SV-014) to 4.46 µg/m^3 in the southeastern part of the site (SV-012). The concentrations of the CVOCs PCE and TCE ranged from 2.4 µg/m^3 and 2.9 µg/m^3 in the western part of the site (SV-014) to 79 µg/m^3 and 5.4 µg/m^3, respectively, in the northern part of the site (SV-011). An on-site source of petroleum-related and chlorinated VOCs was not identified in corresponding soil or groundwater samples.

7.0 CONCLUSIONS

The RI was implemented by Langan between 6 January 2025 and 30 January 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). The analytical data generated by the RI was determined to be 100% acceptable by validation. Findings and conclusions are as follows:

1. Topography: Site elevations range from about el +10.49 in the southwestern part of the site to el +8.44 in the north-central part of the site.
2. Geophysical Findings: The geophysical survey identified anomalies resembling potential subsurface utilities, including sewer, water, and gas lines, under the sidewalk along Conover Street leading into the buildings on site. Anomalies indicative of potential USTs or other potential environmental concerns were not identified.
3. Stratigraphy: The subsurface consists of non-native fill underlying the existing surface cover to depths between about 3 and 10 feet bgs. The non-native fill is predominantly fine-grained sand with varying amounts of silt, woody vegetation, and anthropogenic material including brick, ceramics, coal, slag, and coal ash. The underlying native soil consists of fine sand with some silt and varying amounts of clay and gravel. An approximately 0.3-foot-thick clay lens was observed in the western portion of the site.
4. Hydrogeology: Groundwater was encountered at elevations between el +0.53 on the eastern part of the site and el +1.09 on the northern part of the site, and between depths of about 7.84 and 8.97 feet bgs. Temporal variations in groundwater elevations of more than 1.5 feet observed during multiple days indicate that anthropogenic factors (e.g., buried utilities) and the interaction of tidal fluctuations with the stratigraphy and geometry of the former shoreline likely influence groundwater elevations and the direction of groundwater flow. Based on measured groundwater levels on the adjacent 145-165 Wolcott Steet site (BCP Site No. C224256), groundwater in the vicinity of the site is inferred to flow towards the southwest. Groundwater data from 145-165 Wolcott Street will be integrated with data from 198-200 Conover Street during a forthcoming synoptic gauging event to provide a comprehensive contour map that encompasses Lots 1, 30, and 31. The contour map will be included in a revised RAWP for BCP Site No. C224256.
5. Non-Native Fill: Non-native fill extends across the site from below the surface cover to depths between about 3 and 10 feet bgs. SVOCs, pesticides, metals, and PFAS were detected in non-native fill throughout the site at concentrations above the UU SCOs, and

were detected in four of the seven borings above the RUR SCOs, PGW SCOs, and/or RUI SCOs.

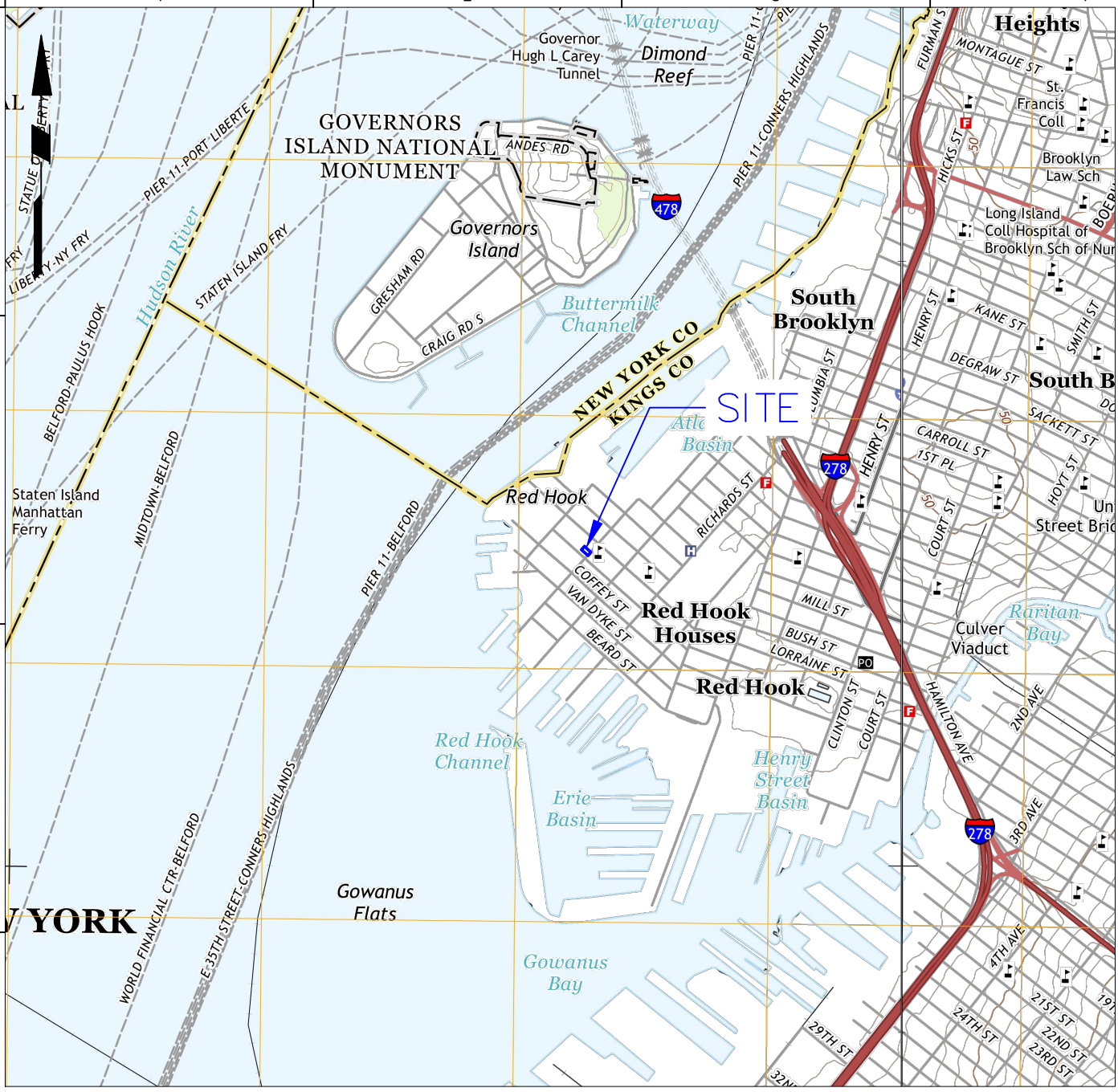
6. Groundwater Detections: Groundwater samples contained dissolved metals and PFAS compounds at concentrations above the SGVs. The ubiquitous presence of sodium in groundwater samples is attributable to saline seawater encroachment, and selenium marginally above the SGV at one sample location reflects a localized condition. The ubiquitous presence of PFOA and PFOS above the SGVs is indicative of a regional groundwater condition.
7. Soil Vapor Detections: Several petroleum-related and chlorinated VOCs were detected in soil vapor. Eighteen of the 20 VOCs addressed in the NYSDOH Soil Vapor Guidance were detected but at relatively low concentrations that are not indicative of soil vapor intrusion or an on-site source.

Sufficient analytical data was gathered during the RI to establish soil cleanup levels and to develop a remedy for the identified AOC. The remedy will be described and evaluated in a RAWP for BCP Site No. C224256, which will incorporate Lots 1, 30, and 31. The remedy will address impacts to soil, groundwater, and soil vapor described in this RIR.

8.0 REFERENCES

1. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C , Phase I Environmental Site Assessment for 198 Conover Street, dated July 2024.
2. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C , Phase I Environmental Site Assessment for 200 Conover Street, dated December 2024.
3. New York State Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) dated June 1998.
4. New York State Department of Environmental Conservation, Part 375 of Title 6 of the New York Compilation of Codes, Rules, and Regulations, Effective December 14 2006.
5. New York State Department of Environmental Conservation, DER-10 Technical Guidance for Site Investigation and Remediation, issued May 3 2010; effective June 18 2010.
6. New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft Brownfield Cleanup Program Guide, dated May 2004.
7. New York State Department of Health, Final Guidance for the Evaluation of Soil Vapor Intrusion in the State of New York, dated October 2006.
8. 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.
9. United States Environmental Protection Agency, Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, EQASOP-GW 001, January 19 2010.

FIGURES



LEGEND

APPROXIMATE SITE BOUNDARY

NOTES

1. BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES QUADRANGLE MAPS OF BROOKLYN, NEW YORK AND JERSEY CITY, NEW JERSEY, NEW YORK, DATED 2016 AND 2014, RESPECTIVELY.

2000 0 1000 2000

SCALE IN FEET

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

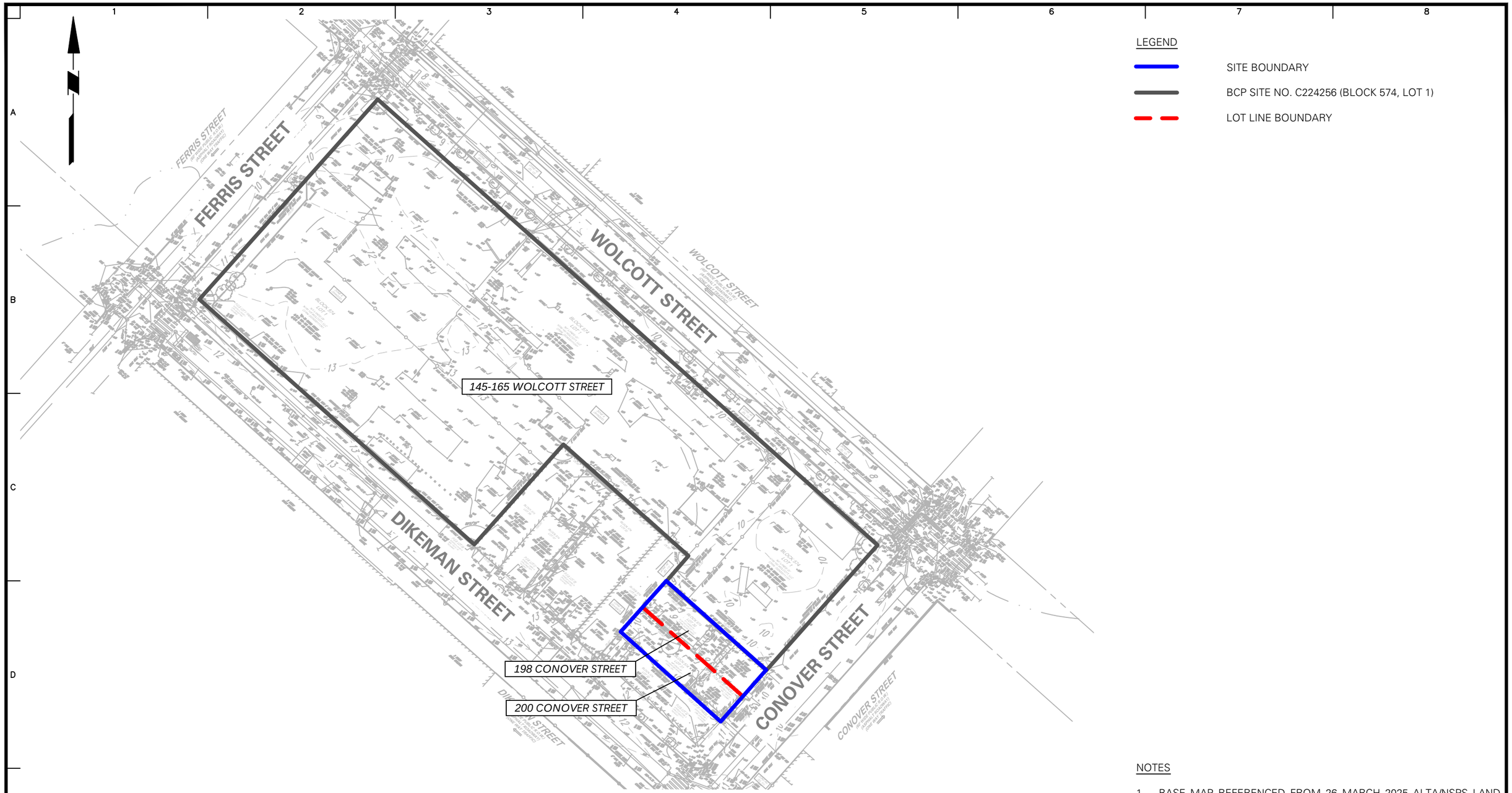
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Project	198-200 Conover Street
	BLOCK No. 574 LOT Nos. 30, and 31
	BROOKLYN NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170562203
Date	3/13/2025
Drawn By	LPG
Checked By	SK
Figure No.	1
Sheet	1 of 7

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Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\03\SheetFiles\Environmental\Conover RIR\Figure 1 - Site Location Map.dwg Date: 7/18/2024 Time: 12:08 User: fbrazier Style Table: Langan.stb Layout: Figure 1- Site Location Map



NOTES

1. BASE MAP REFERENCED FROM 26 MARCH 2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.

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SCALE: 1 INCH = 70 FEET

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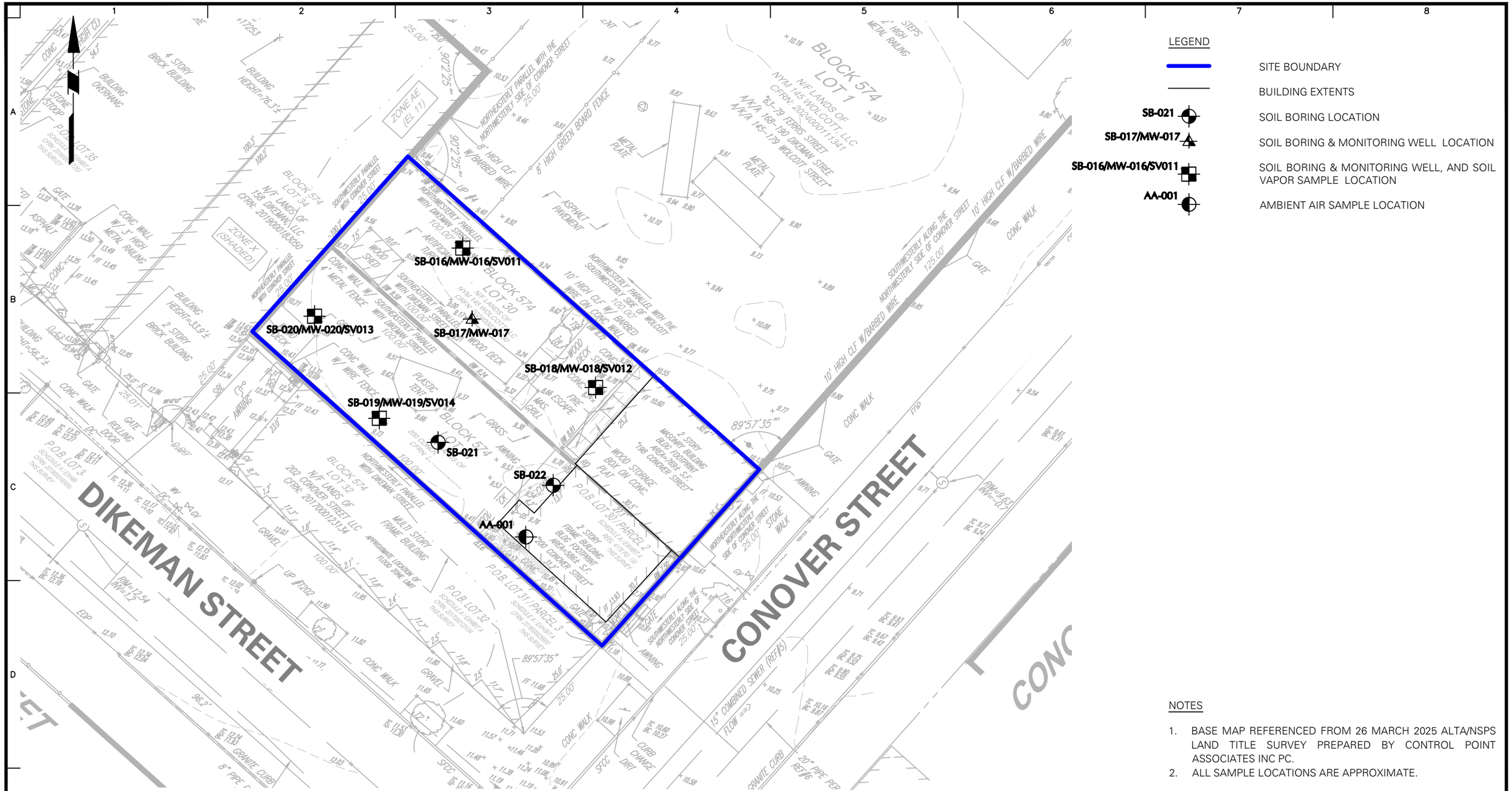
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Project	198-200 CONOVER STREET
	BLOCK No. 574 LOT Nos. 30 & 31
	BROOKLYN NEW YORK
Figure Title	SITE LAYOUT MAP
Project No.	170562203
Date	4/15/2025
Drawn By	LG
Checked By	NP
Figure No.	2
	Figure 2 of 7

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Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\03\SheetFiles\Environmental\Conover RIR\Figure 2 - Site Plan.dwg Date: 4/21/2025 Time: 16:00 User: lgrose Style Table: Langan.stb Layout: Figure 2 - Sample Location Map


SB-016/MW-016/SV011
SB-020/MW-020/SV013
SB-017/MW-017
SB-018/MW-018/SV012
SB-019/MW-019/SV014
SB-021
SB-022
AA-001
DIKEMAN STREET
CONOVER STREET
BLOCK 574 LOT 30
BLOCK 574 LOT 1
N/F LANDS OF NYM 145 WOLCOTT, LLC CFRN#: 2024000111341 63-79 FERRIS STREET A/K/A 168-190 DIKEMAN STREE A/K/A 145-179 WOLCOTT STREET
N/F LANDS OF 159 DIKEMAN, LLC CFRN#: 2019000183060
N/F LANDS OF 202 CONOVER STREET LLC CFRN#: 2017000123134
BLOCK 574 LOT 34
BLOCK 574 LOT 32
P.O.B. LOT 31 / PARCEL 3
P.O.B. LOT 31 / PARCEL 2
P.O.B. LOT 32
P.O.B. LOT 33
P.O.B. LOT 35
4 STORY BRICK BUILDING
2 STORY BRICK BUILDING
MULTI STORY FRAME BUILDING
2 STORY MASONRY BUILDING BLDG. FOOTPRINT AREA=1692± S.F. "198 CONOVER STREET"
2 STORY FRAME BUILDING BLDG. FOOTPRINT AREA=3384± S.F. "200 CONOVER STREET"
WOOD STORAGE BOX ON CONC. SLAB
ZONE AE (EL 11)
ZONE X (SHADED)
8' HIGH GREEN BOARD FENCE W/ BARBED WIRE
8' HIGH CLF W/BARBED WIRE
10' HIGH CLF W/BARBED WIRE
10' HIGH CLF W/BARBED WIRE ON CONC WALL
4' METAL FENCE W/ 3' HIGH METAL RAILING
CONC WALL W/ WIRE FENCE
CONC WALL W/ 3' HIGH METAL RAILING
2' HIGH STEPS METAL RAILING
15" COMBINED SEWER (REF #5)
20" PIPE PER REF #6
GRANITE CURB
8" PIPE
CONC WALK
ASPHALT PAVEMENT
GRAVEL
WOOD DECK
WOOD SHED
PLASTIC TENT
GRASS
AWNING
GATE
ROLLING DOOR
STONE STOOP
BUILDING OVERHANG
METAL PLATE
89°57'35"
90°22'25"
96.27'
100.00'
125.00'
25.00'
NORTHWESTERLY PARALLEL WITH THE NORTHWESTERLY SIDE OF CONOVER STREET
SOUTHWESTERLY PARALLEL WITH CONOVER STREET
NORTHWESTERLY PARALLEL WITH DIKEMAN STREET
SOUTHWESTERLY PARALLEL WITH DIKEMAN STREET
SOUTHWESTERLY ALONG THE NORTHWESTERLY SIDE OF CONOVER STREET
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SOUTHWESTERLY ALONG THE NORTHWESTERLY SIDE OF CONOVER STREET
NORTHWESTERLY ALONG THE SOUTHWESTERLY SIDE OF CONOVER STREET
P.O.B. LOT 31 / PARCEL 2
SCHEDULE A PARCEL 1B
P.O.B. LOT 32
SCHEDULE A PARCEL 1A
P.O.B. LOT 31 / PARCEL 3
SCHEDULE A PARCEL 1C
P.O.B. LOT 33
SCHEDULE A PARCEL 1D
P.O.B. LOT 35
SCHEDULE A PARCEL 1A
SCHEDULE A EXHIBIT A
CFRN: 2019000183060
THIS SURVEY
SCHEDULE A EXHIBIT A
CFRN: 2017000123134
THIS SURVEY
SCHEDULE A EXHIBIT A
CFRN: 2024000111341
THIS SURVEY

Location	SB20	SB20
Sample Name	SB20_0-2	SB20_6-8
Sample Date	01/07/2025	01/09/2025
Sample Dpeth	0-2	6-8
SVOCs		
Benzo(a)anthracene	**6.38 D**	<0.092 U
Benzo(a)pyrene	**5.34 D**	<0.092 U
Benzo(b)fluoranthene	**4.74 D**	<0.092 U
Benzo(k)fluoranthene	**1.68 D**	<0.092 U
Chrysene	**6.68 D**	<0.092 U
Dibenz(a,h)anthracene	**1.01 D**	<0.092 U
Indeno(1,2,3-cd)pyrene	**4.06 D**	<0.092 U
Pesticides		
4,4'-DDD	<0.00198 U	<0.00183 U
4,4'-DDE	<0.00198 U	<0.00183 U
4,4'-DDT	0.00265 D	<0.00183 U
Metals		
Barium	265	24.6
Cadmium	0.321	<0.281 U
Chromium, Hexavalent	<0.601 U	<0.562 U
Copper	**82.3**	22.1
Lead	**675**	17.6
Mercury	**1.84 J**	**0.198**
Nickel	**32.9**	**197**
Zinc	**156**	76.7
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.00395**	0.000772
Perfluorooctanoic Acid (PFOA)	**0.000922**	<0.000224 U

Location	SB16	SB16
Sample Name	SB16_0-2	SB16_6-8
Sample Date	01/09/2025	01/09/2025
Sample Dpeth	0-2	6-8
SVOCs		
Benzo(a)anthracene	**3.45 D**	<0.0952 U
Benzo(a)pyrene	**2.37 D**	<0.0952 U
Benzo(b)fluoranthene	**2.13 D**	<0.0952 U
Benzo(k)fluoranthene	**1.94 D**	<0.0952 U
Chrysene	**4.15 D**	<0.0952 U
Dibenz(a,h)anthracene	**0.562 D**	<0.0952 U
Indeno(1,2,3-cd)pyrene	**1.54 D**	<0.0952 U
Pesticides		
4,4'-DDD	<0.00183 U	<0.00189 U
4,4'-DDE	<0.00183 U	<0.00189 U
4,4'-DDT	0.00229 D	<0.00189 U
Metals		
Barium	104	27.5
Cadmium	<0.281 U	<0.29 U
Chromium, Hexavalent	<0.561 U	<0.58 UJ
Copper	30.3	14.5
Lead	**141**	8.01
Mercury	**1.12**	**0.208 J**
Nickel	21.5	21.2
Zinc	105	61.2 J
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.00101**	<0.000215 U
Perfluorooctanoic Acid (PFOA)	**0.000921**	<0.000232 U

Location	SB17	SB17
Sample Name	SB17_0-2	SB17_6-8
Sample Date	01/10/2025	01/10/2025
Sample Dpeth	0-2	6-8
SVOCs		
Benzo(a)anthracene	0.751 D	<0.0949 U
Benzo(a)pyrene	0.809 D	<0.0949 U
Benzo(b)fluoranthene	0.675 D	<0.0949 U
Benzo(k)fluoranthene	0.683 D	<0.0949 U
Chrysene	0.842 D	<0.0949 U
Dibenz(a,h)anthracene	0.138 D	<0.0949 U
Indeno(1,2,3-cd)pyrene	**0.55 D**	<0.0949 U
Pesticides		
4,4'-DDD	<0.00197 U	<0.00192 U
4,4'-DDE	<0.00197 U	<0.00192 U
4,4'-DDT	<0.00197 U	<0.00192 U
Metals		
Barium	218	20.2
Cadmium	1.02	<0.292 U
Chromium, Hexavalent	<0.598 U	**1.22**
Copper	**66.4**	10.8
Lead	**471**	9.99
Mercury	**1.43**	<0.035 U
Nickel	**39.1**	14.8
Zinc	**1,260**	35.3
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.000745	<0.000216 U
Perfluorooctanoic Acid (PFOA)	<0.00024 U	<0.000232 U

Location	SB18	SB18
Sample Name	SB18_0-2	SB18_6-8
Sample Date	01/10/2025	01/10/2025
Sample Dpeth	0-2	6-8
SVOCs		
Benzo(a)anthracene	0.0604 JD	<0.0983 U
Benzo(a)pyrene	0.0657 JD	<0.0983 U
Benzo(b)fluoranthene	<0.0944 U	<0.0983 U
Benzo(k)fluoranthene	0.0642 JD	<0.0983 U
Chrysene	0.0574 JD	<0.0983 U
Dibenz(a,h)anthracene	<0.0944 U	<0.0983 U
Indeno(1,2,3-cd)pyrene	<0.0944 U	<0.0983 U
Pesticides		
4,4'-DDD	<0.00186 U	<0.00191 U
4,4'-DDE	<0.00186 U	<0.00191 U
4,4'-DDT	<0.00186 U	<0.00191 U
Metals		
Barium	85	19.9
Cadmium	<0.288 U	<0.296 U
Chromium, Hexavalent	<0.576 U	<0.591 U
Copper	26.5	6.16
Lead	**226**	6.41
Mercury	<0.0345 U	**0.38**
Nickel	**156**	13.5
Zinc	**147**	29.7
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.000569	<0.000219 U
Perfluorooctanoic Acid (PFOA)	<0.000229 U	<0.000236 U

Location	SB19	SB19
Sample Name	SB19_0-2	SB19_5-7
Sample Date	01/07/2025	01/09/2025
Sample Dpeth	0-2	5-7
SVOCs		
Benzo(a)anthracene	**7.12 D**	<0.0935 U
Benzo(a)pyrene	**8.43 D**	<0.0935 U
Benzo(b)fluoranthene	**7.18 D**	<0.0935 U
Benzo(k)fluoranthene	**1.98 D**	<0.0935 U
Chrysene	**8.86 D**	<0.0935 U
Dibenz(a,h)anthracene	**1.75 D**	<0.0935 U
Indeno(1,2,3-cd)pyrene	**6.17 D**	<0.0935 U
Pesticides		
4,4'-DDD	**0.00537 D**	<0.00186 U
4,4'-DDE	**0.0165 D**	<0.00186 U
4,4'-DDT	**0.0877 D**	<0.00186 U
Metals		
Barium	**634**	35.3
Cadmium	**2.58**	<0.286 U
Chromium, Hexavalent	<0.594 U	<0.572 U
Copper	**99.5**	25
Lead	**1,230**	15.3
Mercury	**0.76**	<0.0343 U
Nickel	**60.5**	**299**
Zinc	**452**	**145**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.00213**	<0.000212 U
Perfluorooctanoic Acid (PFOA)	0.000502	<0.000228 U

Location	SB21	SB21
Sample Name	SB21_0-2	SB21_6-8
Sample Date	01/07/2025	01/07/2025
Sample Dpeth	0-2	6-8
SVOCs		
Benzo(a)anthracene	**1.65 D**	<0.0885 U
Benzo(a)pyrene	**1.22 D**	<0.0885 U
Benzo(b)fluoranthene	**1.58 D**	<0.0885 U
Benzo(k)fluoranthene	0.547 D	<0.0885 U
Chrysene	**1.48 D**	<0.0885 U
Dibenz(a,h)anthracene	**0.342 D**	<0.0885 U
Indeno(1,2,3-cd)pyrene	**1.36 D**	<0.0885 U
Pesticides		
4,4'-DDD	<0.00191 U	<0.00175 U
4,4'-DDE	**0.00532 D**	<0.00175 U
4,4'-DDT	**0.0131 D**	<0.00175 U
Metals		
Barium	275	13.4
Cadmium	0.949	<0.269 U
Chromium, Hexavalent	<0.581 U	<0.538 U
Copper	**80.5**	5.82
Lead	**609**	3.92
Mercury	**0.479**	0.0343
Nickel	**50.7**	11.1
Zinc	**297**	24
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.00128**	0.000295
Perfluorooctanoic Acid (PFOA)	0.00029	<0.000216 U

Location	SB22	SB22	SB22
Sample Name	SB22_0-2	SODUP01_010725	SB22_6-8
Sample Date	01/07/2025	01/07/2025	01/07/2025
Sample Dpeth	0-2	0-2	6-8
SVOCs			
Benzo(a)anthracene	0.0686 JD	0.0801 JD	<0.0965 U
Benzo(a)pyrene	0.0484 JD	0.0801 JD	<0.0965 U
Benzo(b)fluoranthene	0.0664 JD	0.106 D	<0.0965 U
Benzo(k)fluoranthene	<0.0903 U	0.0443 JD	<0.0965 U
Chrysene	0.07 JD	0.0836 JD	<0.0965 U
Dibenz(a,h)anthracene	<0.0903 U	<0.0879 U	<0.0965 U
Indeno(1,2,3-cd)pyrene	0.0592 JD	0.0724 JD	<0.0965 U
Pesticides			
4,4'-DDD	<0.00178 U	<0.00174 U	<0.00192 U
4,4'-DDE	<0.00178 U	<0.00174 U	<0.00192 U
4,4'-DDT	<0.00178 U	<0.00174 U	<0.00192 U
Metals			
Barium	75	63.7	13.1
Cadmium	0.338	<0.269 U	<0.295 U
Chromium, Hexavalent	<0.548 U	<0.538 U	<0.59 U
Copper	44.6	38.1	4.61
Lead	**155**	**244**	5.95
Mercury	**1.02 J**	**0.439 J**	<0.0354 U
Nickel	**54.9 J**	26.1 J	10.3
Zinc	**140**	**123**	29.2
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.000222	<0.0002 U	<0.000219 U
Perfluorooctanoic Acid (PFOA)	<0.000219 U	<0.000215 U	<0.000236 U

LEGEND

- SITE BOUNDARY
- BUILDING EXTENTS
- SB-021 SOIL BORING LOCATION

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
SVOCs				
Benzo(a)anthracene	1	1	1	11
Benzo(a)pyrene	1	22	1	1.1
Benzo(b)fluoranthene	1	1.7	1	11
Benzo(k)fluoranthene	0.8	1.7	1	110
Chrysene	1	1	1	110
Dibenz(a,h)anthracene	0.33	*	0.33	1.1
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	11
Pesticides				
4,4'-DDD	0.0033	*	2.6	180
4,4'-DDE	0.0033	*	1.8	120
4,4'-DDT	0.0033	*	1.7	94
Metals				
Barium	350	820	350	10000
Cadmium	2.5	7.5	2.5	60
Chromium, Hexavalent	1	*	22	800
Copper	50	1720	270	10000
Lead	63	450	400	3900
Mercury	0.18	*	0.81	5.7
Nickel	30	130	140	10000
Zinc	109	2480	2200	10000
PFOA				
Perfluorooctanesulfonic Acid (PFOS)	0.00088	*	0.0088	0.44
Perfluorooctanoic Acid (PFOA)	0.00066	*	0.0066	0.6

* - The list of PGW SCOs was extracted from the NYSDEC BCP Site No. C224256 – 145-165 Wolcott Street Remedial Action Work Plan for consistency across datasets.

Exceedance Summary:

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

NOTES

1. BASE MAP REFERENCED FROM 26 MARCH 2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
3. ALL ELEVATIONS SHOWN HEREIN ARE WITH RESPECT TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
4. CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (MG/KG).
5. SVOC - SEMIVOLATILE ORGANIC COMPOUND
6. 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, RESTRICTED USE RESIDENTIAL AND RESTRICTED USE INDUSTRIAL SOIL CLEANUP OBJECTIVES (SCO).
7. 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, PROTECTION OF GROUNDWATER, RESTRICTED USE RESIDENTIAL AND RESTRICTED USE INDUSTRIAL GUIDANCE VALUES (APRIL 2023).
8. U - THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE REPORTING LIMIT OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.
9. J - THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
10. D - THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS 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: 198-200 CONOVER STREET
BLOCK No. 574 LOT Nos. 30 & 31
BROOKLYN NEW YORK

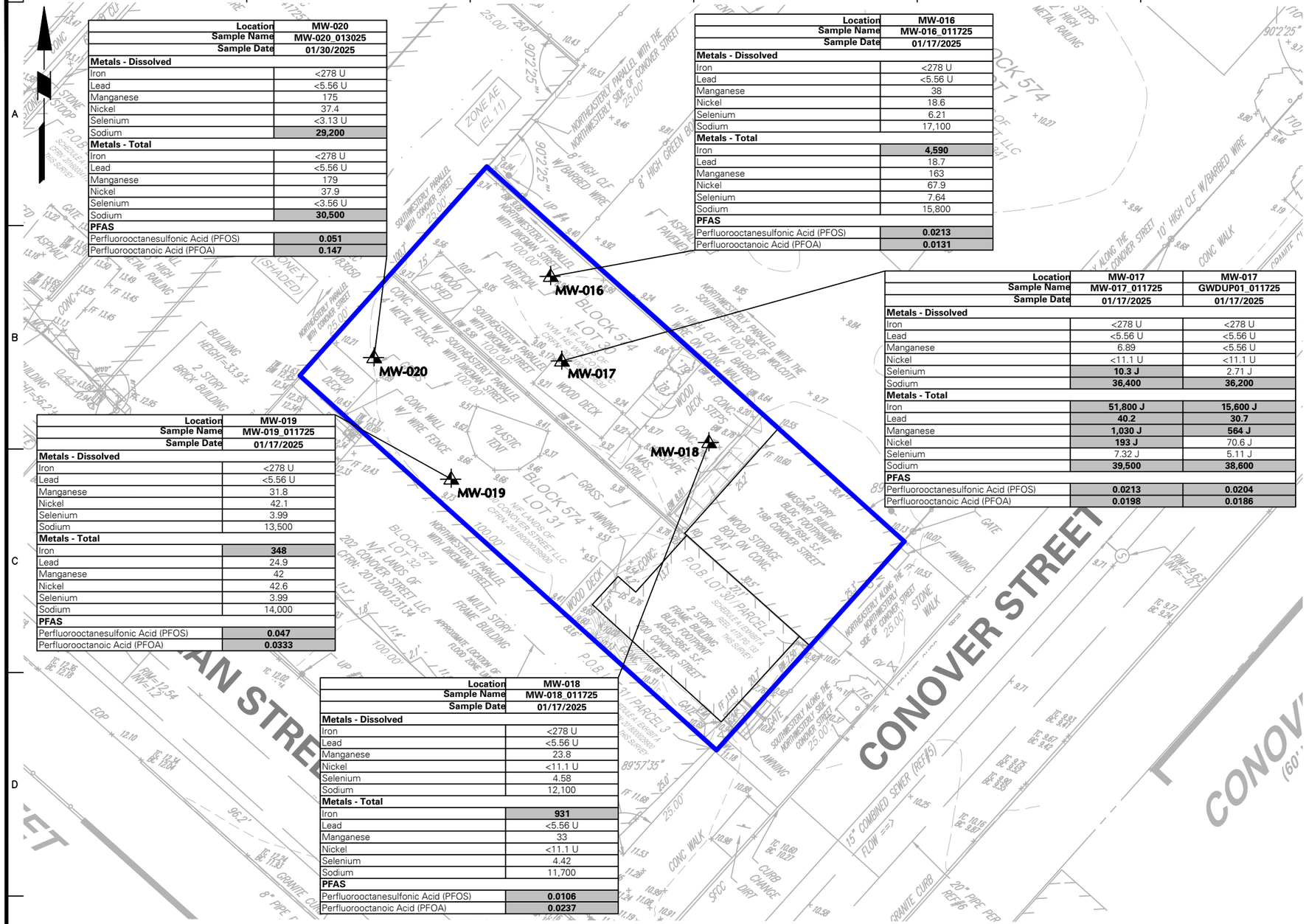
Figure Title: SOIL SAMPLE ANALYTICAL RESULTS MAP

Project No. 170562203
Date 4/15/2025
Drawn By LG
Checked By NP

Figure No. 4
Figure 4 of 7

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Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\03\SheetFiles\Environmental\Conover RIR\Figure 4 - Soil Sample Analytical Results Map.dwg Date: 4/21/2025 Time: 16:27 User: lgrose Style Table: Langan.stb Layout: Figure 4 - SOIL



	Location	MW-020
	Sample Name	MW-020_013025
	Sample Date	01/30/2025
Metals - Dissolved		
Iron		<278 U
Lead		<5.56 U
Manganese		175
Nickel		37.4
Selenium		<3.13 U
Sodium		**29,200**
Metals - Total		
Iron		<278 U
Lead		<5.56 U
Manganese		179
Nickel		37.9
Selenium		<3.56 U
Sodium		**30,500**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.051**
Perfluorooctanoic Acid (PFOA)		**0.147**

	Location	MW-016
	Sample Name	MW-016_011725
	Sample Date	01/17/2025
Metals - Dissolved		
Iron		<278 U
Lead		<5.56 U
Manganese		38
Nickel		18.6
Selenium		6.21
Sodium		17,100
Metals - Total		
Iron		**4,590**
Lead		18.7
Manganese		163
Nickel		67.9
Selenium		7.64
Sodium		15,800
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0213**
Perfluorooctanoic Acid (PFOA)		**0.0131**

	Location	MW-017	MW-017
	Sample Name	MW-017_011725	GWDUP01_011725
	Sample Date	01/17/2025	01/17/2025
Metals - Dissolved			
Iron		<278 U	<278 U
Lead		<5.56 U	<5.56 U
Manganese		6.89	<5.56 U
Nickel		<11.1 U	<11.1 U
Selenium		**10.3 J**	2.71 J
Sodium		**36,400**	**36,200**
Metals - Total			
Iron		**51,800 J**	**15,600 J**
Lead		**40.2**	**30.7**
Manganese		**1,030 J**	**564 J**
Nickel		**193 J**	70.6 J
Selenium		7.32 J	5.11 J
Sodium		**39,500**	**38,600**
PFAS			
Perfluorooctanesulfonic Acid (PFOS)		**0.0213**	**0.0204**
Perfluorooctanoic Acid (PFOA)		**0.0198**	**0.0186**

	Location	MW-019
	Sample Name	MW-019_011725
	Sample Date	01/17/2025
Metals - Dissolved		
Iron		<278 U
Lead		<5.56 U
Manganese		31.8
Nickel		42.1
Selenium		3.99
Sodium		13,500
Metals - Total		
Iron		**348**
Lead		24.9
Manganese		42
Nickel		42.6
Selenium		3.99
Sodium		14,000
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.047**
Perfluorooctanoic Acid (PFOA)		**0.0333**

	Location	MW-018
	Sample Name	MW-018_011725
	Sample Date	01/17/2025
Metals - Dissolved		
Iron		<278 U
Lead		<5.56 U
Manganese		23.8
Nickel		<11.1 U
Selenium		4.58
Sodium		12,100
Metals - Total		
Iron		**931**
Lead		<5.56 U
Manganese		33
Nickel		<11.1 U
Selenium		4.42
Sodium		11,700
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0106**
Perfluorooctanoic Acid (PFOA)		**0.0237**

LEGEND

- SITE BOUNDARY
- BUILDING EXTENTS
- MW-016 — MONITORING WELL LOCATION

Analyte	NYSDEC SGVs
Metals - Dissolved	
Iron	300
Lead	25
Manganese	300
Nickel	100
Selenium	10
Sodium	20000
Metals - Total	
Iron	300
Lead	25
Manganese	300
Nickel	100
Selenium	10
Sodium	20000
PFOA	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

NOTES

1. BASE MAP REFERENCED FROM 26 MARCH 2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
3. ALL ELEVATIONS SHOWN HEREIN ARE WITH RESPECT TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
4. CONCENTRATIONS REPORTED IN MICROGRAM PER LITER (UG/L).
5. 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").
6. U - THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE REPORTING LIMIT OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.
7. J - THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS 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: 198-200 CONOVER STREET
BLOCK No. 574 LOT Nos. 30 & 31
BROOKLYN NEW YORK

Figure Title: GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP

Project No. 170562203
Date 4/15/2025
Drawn By LG
Checked By NP

Figure No. 5

Figure 5 of 7

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Location	SV-013
Sample Name	SV-013_011025
Sample Date	01/10/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	1.1 D
2,2,4-Trimethylpentane	<0.35 U
2-Hexanone (MBK)	<1.2 U
Acetone	10 D
Acrylonitrile	64 D
Benzene	<0.47 U
Bromodichloromethane	1 D
Carbon Disulfide	<0.46 U
Carbon Tetrachloride	<0.23 U
Chloroform	10 D
Chloromethane	<0.31 U
Cis-1,2-Dichloroethene	0.24 D
Cyclohexane	<0.51 U
Dichlorodifluoromethane	2.6 D
Ethylbenzene	<0.65 U
Isopropanol	<2.2 U
M,P-Xylene	<1.3 U
Methyl Ethyl Ketone (2-Butanone)	1.2 D
n-Heptane	<0.61 U
n-Hexane	<0.52 U
o-Xylene (1,2-Dimethylbenzene)	0.71 D
Propylene	<0.26 U
Tetrachloroethene (PCE)	3.3 D
Toluene	<0.56 U
Trichloroethene (TCE)	4.1 D
Trichlorofluoromethane	1.2 D

Location	SV-014
Sample Name	SV-014_011025
Sample Date	01/10/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	0.85 J
2,2,4-Trimethylpentane	<0.33 UJ
2-Hexanone (MBK)	<1.2 UJ
Acetone	9.1 J
Acrylonitrile	<4 UJ
Benzene	0.46 J
Bromodichloromethane	<0.96 UJ
Carbon Disulfide	<0.45 UJ
Carbon Tetrachloride	0.54 J
Chloroform	4.9 J
Chloromethane	0.33 J
Cis-1,2-Dichloroethene	0.17 J
Cyclohexane	<0.49 UJ
Dichlorodifluoromethane	<0.71 UJ
Ethylbenzene	<0.62 UJ
Isopropanol	3.2 J
M,P-Xylene	<1.2 UJ
Methyl Ethyl Ketone (2-Butanone)	0.97 J
n-Heptane	<0.59 UJ
n-Hexane	<0.51 UJ
o-Xylene (1,2-Dimethylbenzene)	<0.62 UJ
Propylene	<0.25 UJ
Tetrachloroethene (PCE)	2.4 J
Toluene	0.65 J
Trichloroethene (TCE)	2.9 J
Trichlorofluoromethane	1.3 J

Location	SV-011
Sample Name	SV-011_011025
Sample Date	01/10/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	1 J
2,2,4-Trimethylpentane	<0.35 UJ
2-Hexanone (MBK)	<1.2 UJ
Acetone	11 J
Acrylonitrile	<4.2 UJ
Benzene	<0.47 UJ
Bromodichloromethane	<1 UJ
Carbon Disulfide	0.83 J
Carbon Tetrachloride	<0.23 UJ
Chloroform	26 J
Chloromethane	<0.31 UJ
Cis-1,2-Dichloroethene	0.29 J
Cyclohexane	<0.51 UJ
Dichlorodifluoromethane	1.9 J
Ethylbenzene	<0.65 UJ
Isopropanol	<2.2 UJ
M,P-Xylene	<1.3 UJ
Methyl Ethyl Ketone (2-Butanone)	5.1 J
n-Heptane	<0.61 UJ
n-Hexane	<0.52 UJ
o-Xylene (1,2-Dimethylbenzene)	<0.65 UJ
Propylene	<0.26 UJ
Tetrachloroethene (PCE)	79 J
Toluene	0.73 J
Trichloroethene (TCE)	5.2 J
Trichlorofluoromethane	1.3 J

Location	SV-012
Sample Name	SV-012_011025
Sample Date	01/10/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	<0.7 UJ
2,2,4-Trimethylpentane	1.1 J
2-Hexanone (MBK)	5.5 J
Acetone	32 J
Acrylonitrile	<4 UJ
Benzene	0.54 J
Bromodichloromethane	<0.95 UJ
Carbon Disulfide	9.2 J
Carbon Tetrachloride	<0.22 UJ
Chloroform	<0.69 UJ
Chloromethane	<0.29 UJ
Cis-1,2-Dichloroethene	0.23 J
Cyclohexane	1.6 J
Dichlorodifluoromethane	2.5 J
Ethylbenzene	0.74 J
Isopropanol	<2.1 UJ
M,P-Xylene	2.7 J
Methyl Ethyl Ketone (2-Butanone)	54 J
n-Heptane	1.2 J
n-Hexane	1.2 J
o-Xylene (1,2-Dimethylbenzene)	0.92 J
Propylene	4.2 J
Tetrachloroethene (PCE)	3.6 J
Toluene	2.8 J
Trichloroethene (TCE)	3.7 J
Trichlorofluoromethane	1.1 J

Location	AA-001
Sample Name	AA-001_011025
Sample Date	01/10/2025
Sample Type	AA
VOCs	
1,2,4-Trimethylbenzene	<0.38 UJ
2,2,4-Trimethylpentane	0.33 J
2-Hexanone (MBK)	<0.64 UJ
Acetone	5.3 J
Acrylonitrile	<2.2 UJ
Benzene	0.4 J
Bromodichloromethane	<0.52 UJ
Carbon Disulfide	<0.24 UJ
Carbon Tetrachloride	0.39 J
Chloroform	<0.38 UJ
Chloromethane	1.2 J
Cis-1,2-Dichloroethene	<0.077 UJ
Cyclohexane	0.45 J
Dichlorodifluoromethane	2.3 J
Ethylbenzene	<0.34 UJ
Isopropanol	1.2 J
M,P-Xylene	<0.67 UJ
Methyl Ethyl Ketone (2-Butanone)	0.43 J
n-Heptane	<0.32 UJ
n-Hexane	0.85 J
o-Xylene (1,2-Dimethylbenzene)	<0.34 UJ
Propylene	<0.13 UJ
Tetrachloroethene (PCE)	<0.53 UJ
Toluene	0.7 J
Trichloroethene (TCE)	<0.1 UJ
Trichlorofluoromethane	1.2 J

LEGEND

- SITE BOUNDARY
- BUILDING EXTENTS
- SV011 — SOIL VAPOR SAMPLE LOCATION
- AA-001 — AMBIENT AIR SAMPLE LOCATION

NOTES

1. BASE MAP REFERENCED FROM 26 MARCH 2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
3. ALL ELEVATIONS SHOWN HEREIN ARE WITH RESPECT TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
4. CONCENTRATIONS REPORTED IN MICROGRAMS PER CUBIC METER (UG/M^3).
5. U - THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE REPORTING LIMIT OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION.
6. J - THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
7. 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.
8. D - THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN any WAY.

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SCALE: 1 INCH = 20 FEET

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Project: 198-200 CONOVER STREET
BLOCK No. 574 LOT Nos. 30 & 31
BROOKLYN NEW YORK

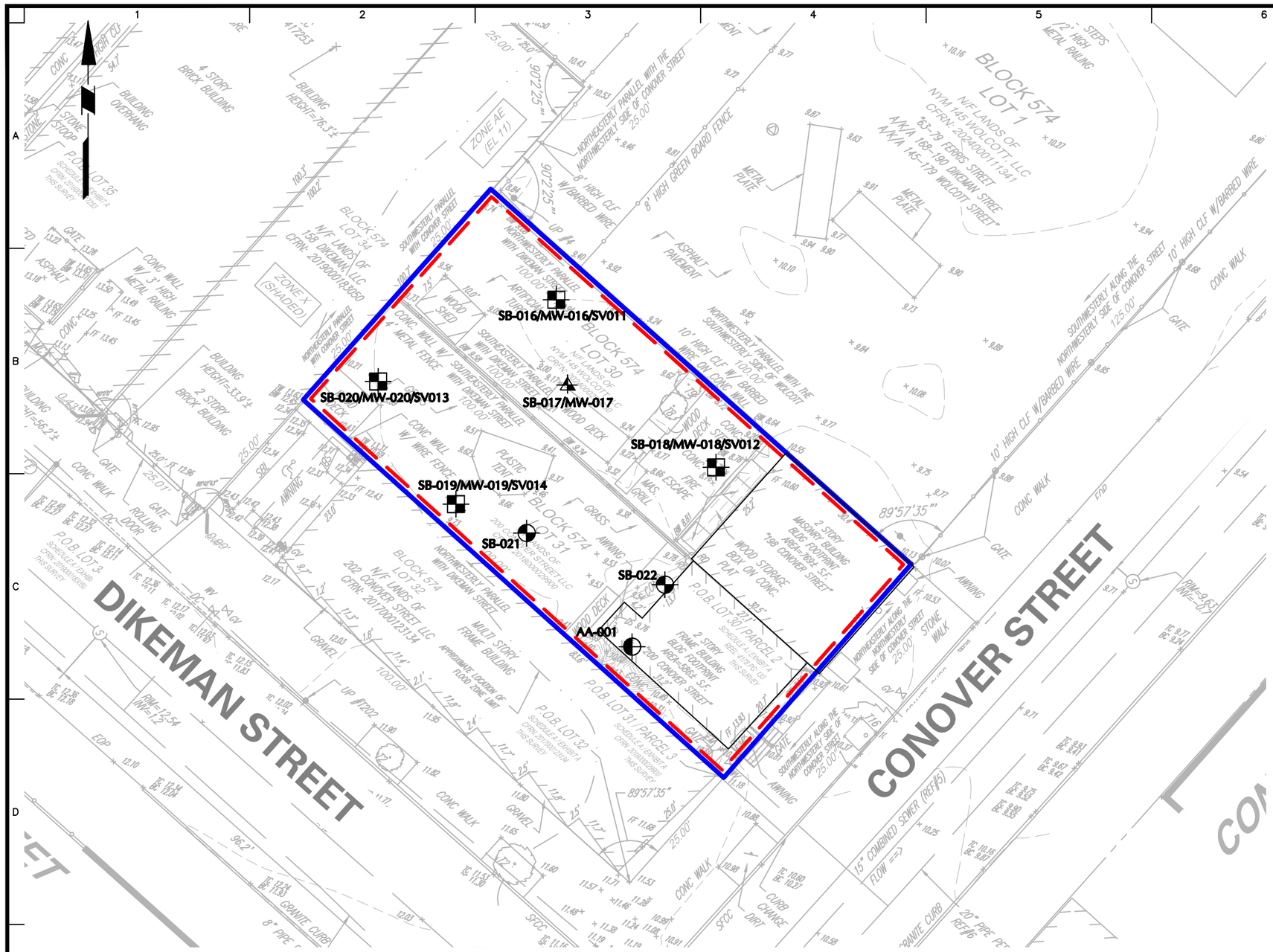
Figure Title: SOIL VAPOR SAMPLE ANALYTICAL RESULTS MAP

Project No. 170562203
Date 4/15/2025
Drawn By LG
Checked By NP

Figure No. 6
Figure 6 of 7

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Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\03\SheetFiles\Environmental\Conover RIR\Figure 6 - Soil Vapor Analytical Analysis Map.dwg Date: 4/21/2025 Time: 16:35 User: lgrose Style Table: Langan.stb Layout: Figure 6 - Soil Vapor



LEGEND

- SITE BOUNDARY
- BUILDING EXTENTS
- SB-021 — SOIL BORING LOCATION
- SB-017/MW-017 — SOIL BORING & MONITORING WELL LOCATION
- SB-016/MW-016/SV011 — SOIL BORING & MONITORING WELL, AND SOIL VAPOR SAMPLE LOCATION
- AA-001 — AMBIENT AIR SAMPLE LOCATION
- AOC 1: NON-NATIVE FILL

NOTES

1. BASE MAP REFERENCED FROM 26 MARCH 2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES INC PC.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
3. AOC = AREA OF CONCERN.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

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SCALE: 1 INCH = 20 FEET

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Project	198-200 CONOVER STREET BLOCK No. 574 LOT Nos. 30 & 31 BROOKLYN NEW YORK
Figure Title	AREAS OF CONCERN MAP
Project No.	170562203
Date	4/15/2025
Drawn By	LG
Checked By	NP
Figure No.	7
	Figure 7 of 7

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Filename: \\langan.com\data\NYC\data2\170562203\Project Data\CAD\03\SheetFiles\Environmental\Conover RIR\Figure 7 - Areas of Concern Map.dwg Date: 4/21/2025 Time: 16:45 User: lgrose Style Table: Langan.stb Layout: Figure 7 - Area Of Concern Map

TABLES

Table 1
Remedial Investigation
Sample Collection Summary

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Sample Number	Boring IDs	Sample Name	Sample Depth Interval (feet bgs)	Type	Sample Date	Sample Time	Analysis
SOIL SAMPLES							
1	SB16	SB16_0-2	0-2	Shallow fill (0-2 feet below grade)	1/9/2025	13:45	Part 375/TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Total Cyanide, PFAS, 1,4-dioxane
2		SB16_6-8	6-8	Groundwater Interface	1/9/2025	14:15	
3	SB17	SB17_0-2	0-2	Shallow fill (0-2 feet below grade)	1/10/2025	9:15	
4		SB17_6-8	6-8	Groundwater Interface	1/10/2025	9:20	
5	SB18	SB18_0-2	0-2	Shallow fill (0-2 feet below grade)	1/10/2025	11:45	
6		SB18_6-8	6-8	Groundwater Interface	1/10/2025	12:30	
7	SB19	SB19_0-2	0-2	Shallow fill (0-2 feet below grade)	1/7/2025	9:40	
8		SB19_5-7	5-7	Groundwater Interface	1/9/2025	9:30	
9	SB20	SB20_0-2	0-2	Shallow fill (0-2 feet below grade)	1/7/2025	9:15	
10		SB20_6-8	6-8	Groundwater Interface	1/9/2025	12:30	
11	SB21	SB21_0-2	0-2	Shallow fill (0-2 feet below grade)	1/7/2025	10:50	
12		SB21_6-8	6-8	Groundwater Interface	1/7/2025	13:00	
13	SB22	SB22_0-2	0-2	Shallow fill (0-2 feet below grade)	1/7/2025	11:20	
14		SB22_6-8	6-8	Groundwater Interface	1/7/2025	12:50	
SOIL QA/QC SAMPLES							
1	SB22	SODUP01_010725	0-2	Field Duplicate	1/7/2025	-	Part 375/TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Including Hexavalent and Trivalent Chromium), Total Cyanide, PFAS, 1,4-dioxane
2	SB16	SB16_6-8	6-8	MS/MSD	1/9/2025	14:15	
3	-	SOFB01_010925	-	Field Blank	1/9/2025	14:30	
4	-	TB01_010725	-	Trip Blank	1/7/2025	-	Part 375/TCL VOCs
5	-	TB02_010925	-	Trip Blank	1/9/2025	-	Part 375/TCL VOCs
6	-	TB03_011025	-	Trip Blank	1/10/2025	-	Part 375/TCL VOCs
GROUNDWATER SAMPLES							
1	MW-016	MW-016_011725	Middle of observed water column	-	1/17/2025	15:15	Part 375/TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Total and dissolved; Field Filtered; Including Hexavalent and Trivalent Chromium), Total Cyanide PFAS, 1,4-dioxane
2	MW-017	MW-017_011725		-	1/17/2025	10:45	
3	MW-018	MW-018_011725		-	1/17/2025	11:00	
4	MW-019	MW-019_011725		-	1/17/2025	15:30	
5	MW-020	MW-020_013025		-	1/30/2025	9:30	
GROUNDWATER QA/QC SAMPLES							
1	MW-017	GWDUP01_011725	-	Field Duplicate	1/17/2025	-	Part 375/TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Total and dissolved; Field Filtered; Including Hexavalent and Trivalent Chromium), Total Cyanide PFAS, 1,4-dioxane
2	MW-018	MW-018_011725	-	MS/MSD	1/17/2025	11:00	
3	-	GWFB01_013025	-	Field Blank	1/30/2025	14:45	Part 375/TCL VOCs, TCL SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Total only; Including Hexavalent and Trivalent Chromium), Total Cyanide, PFAS, 1,4-dioxane
4	-	TB01_011725	-	Trip Blank	1/17/2025	-	Part 375/TCL VOCs
5	-	TB02_013025	-		1/30/2025	-	
SOIL VAPOR SAMPLES							
1	SV-011	SV-011_011025	4 feet bgs	Soil Vapor	1/10/2025	15:38	VOCs by USEPA Method TO-15
2	SV-012	SV-012_011025		Soil Vapor	1/10/2025	15:44	VOCs by USEPA Method TO-15
3	SV-013	SV-013_011025		Soil Vapor	1/10/2025	15:25	VOCs by USEPA Method TO-15
4	SV-014	SV-014_011025		Soil Vapor	1/10/2025	15:20	VOCs by USEPA Method TO-15
AMBIENT AIR SAMPLE							
1	-	AA-001_011025	3.5 above grade surface	Ambient Air	1/10/2025	15:18	VOCs by USEPA Method TO-15

Notes:
- Part 375 list taken from Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375
- bgs - below grade surface
- DATE will take the form MMDDYY
- TCL - Target Compound List
- VOC - Volatile organic compound
- SVOC - Semivolatile organic compound
- PCB - Polychlorinated biphenyl
- TAL - Target Analyte List
- PFAS - Per- and polyfluoroalkyl substance
- QA/QC - Quality control/quality assurance
- MS/MSD - Matrix spike/matrix spike duplicate
- USEPA - United States Environmental Protection Agency

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

198-200 Conover Street
Brooklyn, New York
Langan Project No. 170562203

Well Location	Date Gauged	Well Diameter (inches)	Screened Interval (feet bTOC)	Approximate Elevation of TOC (NAVD88)	Depth to Groundwater (feet bTOC)	Groundwater Elevation (NAVD88)	Total Depth (ft bTOC)	Bottom of Well Elevation (NAVD88)
MW-016	1/17/2025	2	3 - 13	8.93	7.84	1.09	13.00	-4.07
MW-017	1/17/2025	2	4 - 14	9.11	8.25	0.86	14.00	-4.89
MW-018	1/17/2025	2	4 - 14	8.67	8.14	0.53	14.00	-5.33
MW-019	1/17/2025	2	3 - 13	9.92	8.89	1.03	13.00	-3.08
MW-020	1/30/2025	2	4 - 14	9.54	8.97	0.57	14.00	-4.46

Notes:
1. MW-020 was inacesssible due to the presence of debris during the January 17, 2025 guaging event. The well was subsequently guaged on January 30, 2025 after removal of the debris
2. bTOC = below top of casing
3. TOC = top of casing

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB16	SB16	SB17	SB17	SB18	SB18	SB19	SB19	SB20	SB20	SB21	SB21	SB22	SB22	SB22
						Sample Name	SB16_0-2	SB16_6-8	SB17_0-2	SB17_6-8	SB18_0-2	SB18_6-8	SB19_0-2	SB19_5-7	SB20_0-2	SB20_6-8	SB21_0-2	SB21_6-8	SB22_0-2	SODUP01_010725	SB22_6-8
						Sample Date	01/09/2025	01/09/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/07/2025	01/09/2025	01/07/2025	01/09/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
						Sample Depth	0-2	6-8	0-2	6-8	0-2	6-8	0-2	5-7	0-2	6-8	0-2	6-8	0-2	0-2	6-8
						Unit	Result	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	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1,1-Trichloroethane	71-55-6	0.68	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1-Dichloroethane	75-34-3	0.27	*	19	480	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,1-Dichloroethene	75-35-4	0.33	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	47	380	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2-Dichlorobenzene	95-50-1	1.1	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2-Dichloroethane	107-06-2	0.02	0.02	2.3	60	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	47	380	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,3-Dichlorobenzene	541-73-1	2.4	*	17	560	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,4-Dichlorobenzene	106-46-7	1.8	*	9.8	250	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	9.8	250	mg/kg	<0.19 U	<0.09 U	<0.15 U	<0.11 U	<0.12 U	<0.082 U	<0.15 U	<0.13 U	<0.14 U	<0.1 U	<0.16 U	<0.12 U	<0.12 U	<0.12 U	<0.094 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Acetone	67-64-1	0.05	*	100	1000	mg/kg	<0.019 U	<0.009 U	<0.015 U	<0.011 U	<0.012 U	<0.0082 U	<0.015 U	<0.013 U	<0.014 U	<0.01 U	<0.016 U	<0.012 U	<0.012 U	<0.012 U	<0.0094 U
Acrolein	107-02-8	NS	NS	NS	NS	mg/kg	<0.019 U	<0.009 U	<0.015 U	<0.011 U	<0.012 U	<0.0082 U	<0.015 U	<0.013 U	<0.014 U	<0.01 U	<0.016 U	<0.012 U	<0.012 U	<0.012 U	<0.0094 U
Acrylonitrile	107-13-1	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Benzene	71-43-2	0.06	0.06	2.9	89	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Bromochloromethane	74-97-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Bromodichloromethane	75-27-4	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Bromoform	75-25-2	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Bromomethane	74-83-9	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Carbon Disulfide	75-15-0	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Carbon Tetrachloride	56-23-5	0.76	*	1.4	44	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Chlorobenzene	108-90-7	1.1	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Chloroethane	75-00-3	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Chloroform	67-66-3	0.37	*	10	700	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Chloromethane	74-87-3	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Cis-1,2-Dichloroethene	156-59-2	0.25	*	59	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Cyclohexane	110-82-7	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Cymene	99-87-6	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Dibromochloromethane	124-48-1	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Dibromomethane	74-95-3	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Ethylbenzene	100-41-4	1	1	30	780	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
M,P-Xylene	179601-23-1	NS	NS	NS	NS	mg/kg	<0.019 U	<0.009 U	<0.015 U	<0.011 U	<0.012 U	<0.0082 U	<0.015 U	<0.013 U	<0.014 U	<0.01 U	<0.016 U	<0.012 U	<0.012 U	<0.012 U	<0.0094 U
Methyl Acetate	79-20-9	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 UJ	<0.0066 U	<0.0071 UJ	<0.0052 U	<0.0078 UJ	<0.0059 UJ	<0.0058 UJ	<0.0059 UJ	<0.0047 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Methylene Chloride	75-09-2	0.05	*	51	1000	mg/kg	<0.019 U	<0.009 U	<0.015 U	<0.011 U	<0.012 U	<0.0082 U	<0.015 U	<0.013 U	<0.014 U	<0.01 U	<0.016 U	<0.012 U	<0.012 U	<0.012 U	<0.0094 U
n-Butylbenzene	104-51-8	12	12	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
n-Propylbenzene	103-65-1	3.9	3.9	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Sec-Butylbenzene	135-98-8	11	11	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Styrene	100-42-5	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
T-Butylbenzene	98-06-6	5.9	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	62	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Tetrachloroethene (PCE)	127-18-4	1.3	*	5.5	300	mg/kg	<0.0096 UJ	<0.0045 UJ	<0.0073 UJ	<0.0057 UJ	<0.0061 UJ	<0.0041 UJ	<0.0075 UJ	<0.0066 UJ	<0.0071 UJ	<0.0052 UJ	<0.0078 UJ	<0.0059 UJ	<0.0058 UJ	<0.0059 UJ	<0.0047 UJ
Toluene	108-88-3	0.7	0.7	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Total Xylenes	1330-20-7	0.26	1.6	100	1000	mg/kg	<0.029 U	<0.014 U	<0.022 U	<0.017 U	<0.018 U	<0.012 U	<0.023 U	<0.02 U	<0.021 U	<0.015 U	<0.023 U	<0.018 U	<0.018 U	<0.018 U	<0.014 U
Trans-1,2-Dichloroethene	156-60-5	0.19	*	100	1000	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Trichloroethene (TCE)	79-01-6	0.47	*	10	400	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	NS	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Vinyl Chloride	75-01-4	0.02	*	0.21	27	mg/kg	<0.0096 U	<0.0045 U	<0.0073 U	<0.0057 U	<0.0061 U	<0.0041 U	<0.0075 U	<0.0066 U	<0.0071 U	<0.0052 U	<0.0078 U	<0.0059 U	<0.0058 U	<0.0059 U	<0.0047 U
Total VOCs	TOTALVOCS	NS	NS	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB16	SB16	SB17	SB17	SB18	SB18	SB19	SB19	SB20	SB20	SB21	SB21	SB22	SB22	SB22
						Sample Name	SB16_0-2	SB16_6-8	SB17_0-2	SB17_6-8	SB18_0-2	SB18_6-8	SB19_0-2	SB19_5-7	SB20_0-2	SB20_6-8	SB21_0-2	SB21_6-8	SB22_0-2	SODUP01_010725	SB22_6-8
						Sample Date	01/09/2025	01/09/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/07/2025	01/09/2025	01/07/2025	01/09/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
						Sample Depth	0-2	6-8	0-2	6-8	0-2	6-8	0-2	5-7	0-2	6-8	0-2	6-8	0-2	0-2	6-8
						Unit	Result	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	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	9.8	250	mg/kg	<0.0189 U	<0.0189 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.0198 U	<0.0189 U	<0.0198 U	<0.0189 U	<0.0198 U	<0.0194 U	<0.0189 U	<0.0198 U	<0.019 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2-Chlorophenol	95-57-8	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.113 D	<0.0935 U	0.151 D	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	*	100	1000	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
2-Nitroaniline	88-74-4	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
2-Nitrophenol	88-75-5	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	*	34	1000	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
3-Nitroaniline	99-09-2	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
4-Chloroaniline	106-47-8	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
4-Nitroaniline	100-01-6	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
4-Nitrophenol	100-02-7	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
Acenaphthene	83-32-9	20	98	100	1000	mg/kg	0.167 D	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.315 D	<0.0935 U	0.531 D	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Acenaphthylene	208-96-8	100	*	100	1000	mg/kg	0.104 D	<0.0952 U	0.0792 JD	<0.0949 U	<0.0944 U	<0.0983 U	3.09 D	<0.0935 U	0.459 D	<0.092 U	0.206 D	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Acetophenone	98-86-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.0539 JD	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	NS	mg/kg	<0.369 U	<0.381 U	<0.397 U	<0.38 U	<0.378 U	<0.394 U	<0.392 U	<0.375 U	<0.396 U	<0.368 U	<0.383 U	<0.354 U	<0.362 U	<0.352 U	<0.386 U
Anthracene	120-12-7	100	1000	100	1000	mg/kg	0.617 D	<0.0952 U	0.17 D	<0.0949 U	<0.0944 U	<0.0983 U	2.2 D	<0.0935 U	1.8 D	<0.092 U	0.349 D	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Atrazine	1912-24-9	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Benzaldehyde	100-52-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	0.087 JD	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Benzidine	92-87-5	NS	NS	NS	NS	mg/kg	<0.369 U	<0.381 U	<0.397 U	<0.38 U	<0.378 U	<0.394 U	<0.392 U	<0.375 U	<0.396 U	<0.368 U	<0.383 U	<0.354 U	<0.362 U	<0.352 U	<0.386 U
Benzo(a)anthracene	56-55-3	**1**	**1**	1	11	mg/kg	**3.45 D**	<0.0952 U	0.751 D	<0.0949 U	0.0604 JD	<0.0983 U	**7.12 D**	<0.0935 U	**6.38 D**	<0.092 U	**1.65 D**	<0.0885 U	0.0686 JD	0.0801 JD	<0.0965 U
Benzo(a)pyrene	50-32-8	**1**	22	1	1.1	mg/kg	**2.37 D**	<0.0952 U	0.809 D	<0.0949 U	0.0657 JD	<0.0983 U	**8.43 D**	<0.0935 U	**5.34 D**	<0.092 U	**1.22 D**	<0.0885 U	0.0484 JD	0.0801 JD	<0.0965 U
Benzo(b)fluoranthene	205-99-2	**1**	**1.7**	1	11	mg/kg	**2.13 D**	<0.0952 U	0.675 D	<0.0949 U	<0.0944 U	<0.0983 U	**7.18 D**	<0.0935 U	**4.74 D**	<0.092 U	**1.58 D**	<0.0885 U	0.0664 JD	0.106 D	<0.0965 U
Benzo(g,h,i)Perylene	191-24-2	100	*	100	1000	mg/kg	1.61 D	<0.0952 U	0.535 D	<0.0949 U	0.0551 JD	<0.0983 U	6.08 D	<0.0935 U	3.72 D	<0.092 U	1.34 D	<0.0885 U	0.0686 JD	0.0878 JD	<0.0965 U
Benzo(k)fluoranthene	207-08-9	**0.8**	**1.7**	1	110	mg/kg	**1.94 D**	<0.0952 U	0.683 D	<0.0949 U	0.0642 JD	<0.0983 U	**1.98 D**	<0.0935 U	**1.68 D**	<0.092 U	0.547 D	<0.0885 U	<0.0903 U	0.0443 JD	<0.0965 U
Benzoic Acid	65-85-0	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Benzyl Alcohol	100-51-6	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	0.0588 JD	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	0.0514 JD	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.785 BD	<0.0935 U	<0.099 U	<0.092 U	0.198 J	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Caprolactam	105-60-2	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
Carbazole	86-74-8	NS	NS	NS	NS	mg/kg	0.16 D	<0.0952 U	0.105 D	<0.0949 U	<0.0944 U	<0.0983 U	0.768 D	<0.0935 U	0.67 D	<0.092 U	0.117 D	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Chrysene	218-01-9	**1**	**1**	1	110	mg/kg	**4.15 D**	<0.0952 U	0.842 D	<0.0949 U	0.0574 JD	<0.0983 U	**8.86 D**	<0.0935 U	**6.68 D**	<0.092 U	**1.48 D**	<0.0885 U	0.07 JD	0.0836 JD	<0.0965 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	*	0.33	1.1	mg/kg	**0.562 D**	<0.0952 U	0.138 D	<0.0949 U	<0.0944 U	<0.0983 U	**1.75 D**	<0.0935 U	**1.01 D**	<0.092 U	**0.342 D**	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Dibenzofuran	132-64-9	7	*	14	1000	mg/kg	0.0633 JD	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.224 D	<0.0935 U	0.456 D	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Dibutyl phthalate	84-74-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Diethyl phthalate	84-66-2	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Dimethyl phthalate	131-11-3	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Dioctyl phthalate	117-84-0	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Diphenylamine	122-39-4	NS	NS	NS	NS	mg/kg	<0.184 U	<0.19 U	<0.198 U	<0.19 U	<0.189 U	<0.196 U	<0.195 U	<0.187 U	<0.198 U	<0.184 U	<0.191 U	<0.177 U	<0.18 U	<0.176 U	<0.193 U
Fluoranthene	206-44-0	100	*	100	1000	mg/kg	7.41 D	<0.0952 U	1.39 D	<0.0949 U	0.0657 JD	<0.0983 U	13.7 D	<0.0935 U	12.8 D	<0.092 U	2.99 D	<0.0885 U	0.126 D	0.16 D	<0.0965 U
Fluorene	86-73-7	30	*	100	1000	mg/kg	0.0825 JD	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.555 D	<0.0935 U	0.54 D	<0.092 U	0.0588 JD	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Hexachlorobenzene	118-74-1	0.33	*	0.33	12	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Hexachloroethane	67-72-1	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	8.2	0.5	11	mg/kg	**1.54 D**	<0.0952 U	**0.55 D**	<0.0949 U	<0.0944 U	<0.0983 U	**6.17 D**	<0.0935 U	**4.06 D**	<0.092 U	**1.36 D**	<0.0885 U	0.0592 JD	0.0724 JD	<0.0965 U
Isophorone	78-59-1	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Naphthalene	91-20-3	12	12	100	1000	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	0.195 D	<0.0935 U	0.2 D	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Nitrobenzene	98-95-3	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	NS	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Pentachlorophenol	87-86-5	0.8	0.8	2.4	55	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Phenanthrene	85-01-8	100	1000	100	1000	mg/kg	2.82 D	<0.0952 U	0.788 D	<0.0949 U	<0.0944 U	<0.0983 U	10.6 D	<0.0935 U	9.34 D	<0.092 U	1.29 D	<0.0885 U	0.0527 JD	0.071 JD	<0.0965 U
Phenol	108-95-2	0.33	0.33	100	1000	mg/kg	<0.0921 U	<0.0952 U	<0.0991 U	<0.0949 U	<0.0944 U	<0.0983 U	<0.0978 U	<0.0935 U	<0.099 U	<0.092 U	<0.0956 U	<0.0885 U	<0.0903 U	<0.0879 U	<0.0965 U
Pyrene	129-00-0	100	1000	100	1000	mg/kg	8.34 D	<0.0952 U	1.38 D	<0.0949 U	<0.0944 U	<0.0983 U	15.5 D	<0.0935 U	13.5 D	<0.092 U	3.42 D	<0.0885 U	0.111 D	0.129 D	<0.0965 U
Pyridine	110-86-1	NS	NS	NS	NS	mg/kg	<0.369 U	<0.381 U	<0.397 U	<0.38 U	<0.378 U	<0.394 U	<0.392 U	<0.375 U	<0.396 U	<0.368 U	<0.383 U	<0.354 U	<0.362 U	<0.352 U	<0.386 U
Total SVOCs	TOTALSVOCS	NS	NS	NS	NS	mg/kg	37.5158	ND	8.8952	ND	0.3685	ND	95.6689	ND	74.1954	ND	18.2066	ND	0.6709	0.9143	ND

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB16	SB16	SB17	SB17	SB18	SB18	SB19	SB19	SB20	SB20	SB21	SB21	SB22	SB22	SB22
						Sample Name	SB16_0-2	SB16_6-8	SB17_0-2	SB17_6-8	SB18_0-2	SB18_6-8	SB19_0-2	SB19_5-7	SB20_0-2	SB20_6-8	SB21_0-2	SB21_6-8	SB22_0-2	SODUP01_010725	SB22_6-8
						Sample Date	01/09/2025	01/09/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/07/2025	01/09/2025	01/07/2025	01/09/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
						Sample Depth	0-2	6-8	0-2	6-8	0-2	6-8	0-2	5-7	0-2	6-8	0-2	6-8	0-2	0-2	6-8
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																					
4,4'-DDD	72-54-8	**0.0033**	*	2.6	180	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	**0.00537 D**	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
4,4'-DDE	72-55-9	**0.0033**	*	1.8	120	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	**0.0165 D**	<0.00186 U	<0.00198 U	<0.00183 U	**0.00532 D**	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
4,4'-DDT	50-29-3	**0.0033**	*	1.7	94	mg/kg	0.00229 D	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	**0.0877 D**	<0.00186 U	0.00265 D	<0.00183 U	**0.0131 D**	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Aldrin	309-00-2	0.005	*	0.019	1.4	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	*	0.097	6.8	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Alpha Chlordane	5103-71-9	0.094	*	0.91	47	mg/kg	0.00192 D	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	0.00919 D	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Alpha Endosulfan	959-98-8	2.4	*	4.8	920	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	*	0.072	14	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Beta Endosulfan	33213-65-9	2.4	*	4.8	920	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	NS	mg/kg	<0.0366 U	<0.0378 U	<0.0393 U	<0.0384 U	<0.0372 U	<0.0383 U	0.104 D	<0.0372 U	<0.0396 U	<0.0366 U	<0.0382 U	<0.0349 U	<0.0356 U	<0.0349 U	<0.0383 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	*	100	1000	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Dieldrin	60-57-1	0.005	*	0.039	2.8	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	0.00283 D	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Endosulfan Sulfate	1031-07-8	2.4	*	4.8	920	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Endrin	72-20-8	0.014	*	2.2	410	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	NS	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Endrin Ketone	53494-70-5	NS	NS	NS	NS	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Gamma Bhc (Lindane)	58-89-9	0.1	*	0.28	23	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	NS	mg/kg	0.00249 D	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	0.00981 D	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Heptachlor	76-44-8	0.042	*	0.42	29	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	NS	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Methoxychlor	72-43-5	NS	NS	NS	NS	mg/kg	<0.00183 U	<0.00189 U	<0.00197 U	<0.00192 U	<0.00186 U	<0.00191 U	<0.00195 U	<0.00186 U	<0.00198 U	<0.00183 U	<0.00191 U	<0.00175 U	<0.00178 U	<0.00174 U	<0.00192 U
Toxaphene	8001-35-2	NS	NS	NS	NS	mg/kg	<0.183 U	<0.189 U	<0.197 U	<0.192 U	<0.186 U	<0.191 U	<0.195 U	<0.186 U	<0.198 U	<0.183 U	<0.191 U	<0.175 U	<0.178 U	<0.174 U	<0.192 U
Herbicides																					
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	NS	mg/kg	<0.0222 U	<0.0231 U	<0.0234 U	<0.0229 U	<0.0226 U	<0.0232 U	<0.0234 U	<0.0226 U	<0.0237 U	<0.0223 U	<0.0229 U	<0.0212 U	<0.0216 U	<0.0212 U	<0.0232 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	NS	mg/kg	<0.0222 U	<0.0231 U	<0.0234 U	<0.0229 U	<0.0226 U	<0.0232 U	<0.0234 U	<0.0226 U	<0.0237 U	<0.0223 U	<0.0229 U	<0.0212 U	<0.0216 U	<0.0212 U	<0.0232 U
Silvex (2,4,5-Tp)	93-72-1	3.8	*	58	1000	mg/kg	<0.0222 U	<0.0231 U	<0.0234 U	<0.0229 U	<0.0226 U	<0.0232 U	<0.0234 U	<0.0226 U	<0.0237 U	<0.0223 U	<0.0229 U	<0.0212 U	<0.0216 U	<0.0212 U	<0.0232 U
Polychlorinated Biphenyl																					
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	0.0216	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	NS	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	<0.0197 U	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
Total PCBs	1336-36-3	0.1	3.2	1	25	mg/kg	<0.0185 U	<0.0191 U	<0.0199 U	<0.0194 U	<0.0188 U	<0.0193 U	0.0216	<0.0188 U	<0.02 U	<0.0185 U	<0.0193 U	<0.0176 U	<0.018 U	<0.0176 U	<0.0193 U
Metals																					
Aluminum	7429-90-5	NS	NS	NS	NS	mg/kg	7,480	10,200	6,340	10,200	6,080	10,200	5,000	5,440	5,240	5,240	5,660	3,990	3,850	3,410	3,450
Antimony	7440-36-0	NS	NS	NS	NS	mg/kg	<2.34 U	<2.42 UJ	<2.49 U	<2.43 U	<2.4 U	<2.46 U	<2.47 U	<2.38 U	<2.51 U	<2.34 U	<2.42 U	<2.24 U	<2.28 U	<2.24 U	<2.46 U
Arsenic	7440-38-2	13	16	16	16	mg/kg	6.68	5.91	9.45	5.73	10.8	4.25	11	3.6	9.62	3.82	8.81	5.83	7.87	7.36	5.57
Barium	7440-39-3	**350**	820	350	10000	mg/kg	104	27.5	218	20.2	85	19.9	**634**	35.3	265	24.6	275	13.4	75	63.7	13.1
Beryllium	7440-41-7	7.2	47	14	2700	mg/kg	0.493	0.54	0.45	0.414	0.399	0.429	0.408	0.367	0.391	0.341	0.393	0.428	0.401	0.344	0.39
Cadmium	7440-43-9	**2.5**	7.5	2.5	60	mg/kg	<0.281 U	<0.29 U	1.02	<0.292 U	<0.288 U	<0.296 U	**2.58**	<0.286 U	0.321	<0.281 U	0.949	<0.269 U	0.338	<0.269 U	<0.295 U
Calcium	7440-70-2	NS	NS	NS	NS	mg/kg	7,010	504 J	2,660	515	1,380	563	13,200	1,660	3,000	1,250	5,650	201	1,200	1,280	290
Chromium, Hexavalent	18540-29-9	**1**	*	22	800	mg/kg	<0.561 U	<0.58 UJ	<0.598 U	**1.22**	<0.576 U	<0.591 U	<0.594 U	<0.572 U	<0.601 U	<0.562 U	<0.581 U	<0.538 U	<0.548 U	<0.538 U	<0.59 U
Chromium, Total	7440-47-3	NS	NS	NS	NS	mg/kg	16.5	14.1	18.1	16.8	21.1	16.3	23.4	28.5	14.9	23	22.5	10.5	22.4 J	10.5 J	9.71
Chromium, Trivalent	16065-83-1	30	NS	36	6800	mg/kg	16.5	14.1	18.1	15.6	21.1	16.3	23.4	28.5	14.9	23	22.5	10.5	22.4 J	10.5 J	9.71
Cobalt	7440-48-4	NS	NS	NS	NS	mg/kg	6.32	7.45	7.38	7.55	13.6	5.22	7.42	18	5.44	12.6	7.52	5.44	5.67	4.27	3.74
Copper	7440-50-8	**50**	1720	270	10000	mg/kg	30.3	14.5	**66.4**	10.8	26.5	6.16	**99.5**	25	**82.3**	22.1	**80.5**	5.82	44.6	38.1	4.61
Cyanide	57-12-5	27	*	27	10000	mg/kg	0.674	<0.58 U	1.01	<0.584 U	<0.576 U	<0.591 U	0.962	<0.572 U	<0.601 U	<0.562 U	<0.581 U	<0.538 U	<0.548 U	<0.538 U	<0.59 U
Iron	7439-89-6	NS	NS	NS	NS	mg/kg	14,800	18,300	14,100	19,300	15,400	16,500	17,000	14,000	17,100	13,700	14,200	13,000	12,100	10,200	11,900
Lead	7439-92-1	**63**	**450**	400	3900	mg/kg	**141**	8.01	**471**	9.99	**226**	6.41	**1,230**	15.3	**675**	17.6	**609**	3.92	**155**	**244**	5.95
Magnesium	7439-95-4	NS	NS	NS	NS	mg/kg	2,360	2,470	3,000	2,680	15,400	1,900	4,920	19,200	2,200	16,900	4,200	1,070	2,800	2,260	942
Manganese	7439-96-5	1600	2000	2000	10000	mg/kg	175	279	220	357	280	131	255	293	91.4	206	262	197	131	119	111
Mercury	7439-97-6	**0.18**	*	0.81	5.7	mg/kg	**1.12**	**0.208 J**	**1.43**	<0.035 U	<0.0345 U	**0.38**	**0.76**	<0.0343 U	**1.84 J**	**0.198**	**0.479**	0.0343	**1.02 J**	**0.439 J**	<0.0354 U
Nickel	7440-02-0	**30**	**130**	140	10000	mg/kg	21.5	21.2	**39.1**	14.8	**156**	13.5	**60.5**	**299**	**32.9**	**197**	**50.7**	11.1	**54.9 J**	26.1 J	10.3
Potassium	7440-09-7	NS	NS	NS	NS	mg/kg	1,320 B	1,180 B	967 B	1,270 B	1,120 B	846 B	862	1,350 B	1,100	1,160 B	789	1,080	781	710	893
Selenium	7782-49-2	3.9	4	36	6800	mg/kg	<2.34 U	<2.42 U	<2.49 U	<2.43 U	<2.4 U	<2.46 U	<2.47 U	<2.38 U	<2.51 U	<2.34 U	<2.42 U	<2.24 U	<2.28 U	<2.24 U	<2.46 U
Silver	7440-22-4	2	*	36	6800	mg/kg	<0.472 UJ	<0.487 UJ	<0.502 U	<0.491 U	<0.484 U	<0.497 U	<0.499 U	<0.48 UJ	<0.505 U	<0.472 UJ	<0.488 U	<0.452 U	<0.461 U	<0.452 U	<0.496 U
Sodium	7440-23-5	NS	NS	NS	NS	mg/kg	<73.2 U	<48.3 U	94.8	122	92.4	57.6	122	143 J	107	278 J	88.6	<44.8 U	<45.7 U	70.5	<49.2 U
Thallium	7440-28-0	NS	NS	NS	NS	mg/kg	<1.12 U	<1.16 U	<1.2 U	<1.17 U	<1.15 U	<1.18 U	<2.47 U	<1.14 U	<2.51 U	<1.12 U	<2.42 U	<2.24 U	<2.28 U	<2.24 U	<2.46 U
Vanadium	7440-62-2	NS	NS	NS	NS	mg/kg	20.6	20.6	21	21.8	16.3	21.3	35.8	20.1	18.1	17.1	30.9	15.8	23.2	21.1	15.4
Zinc	7440-66-6	**109**	2480	2200	10000	mg/kg	105	61.2 J	**1,260**	35.3	**147**	29.7	**452**	**145**	**156**	76.7	**297**	24	**140**	**123**	29.2

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB16	SB16	SB17	SB17	SB18	SB18	SB19	SB19	SB20	SB20	SB21	SB21	SB22	SB22	SB22
						Sample Name	SB16_0-2	SB16_6-8	SB17_0-2	SB17_6-8	SB18_0-2	SB18_6-8	SB19_0-2	SB19_5-7	SB20_0-2	SB20_6-8	SB21_0-2	SB21_6-8	SB22_0-2	SODUP01_010725	SB22_6-8
						Sample Date	01/09/2025	01/09/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/07/2025	01/09/2025	01/07/2025	01/09/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
						Sample Depth	0-2	6-8	0-2	6-8	0-2	6-8	0-2	5-7	0-2	6-8	0-2	6-8	0-2	0-2	6-8
						Unit	Result	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	NS	mg/kg	<0.000839 U	<0.000875 UJ	<0.000908 UJ	<0.000878 UJ	<0.000867 UJ	<0.000891 UJ	<0.000898 U	<0.000863 U	<0.000913 U	<0.000847 UJ	<0.000876 U	<0.000818 U	<0.000829 U	<0.000813 U	<0.000892 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	NS	mg/kg	<0.000852 U	<0.000889 U	<0.000922 U	<0.000892 U	<0.000881 U	<0.000905 U	<0.000912 U	<0.000877 U	<0.000927 U	<0.00086 U	<0.00089 U	<0.000831 U	<0.000842 U	<0.000826 U	<0.000906 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	NS	mg/kg	<0.000832 UJ	<0.000868 U	<0.0009 U	<0.000871 U	<0.00086 U	<0.000884 U	<0.000891 U	<0.000856 U	<0.000906 U	<0.00084 U	<0.000869 U	<0.000811 U	<0.000823 U	<0.000806 U	<0.000885 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	NS	mg/kg	<0.000843 U	<0.00088 U	<0.000912 U	<0.000883 U	<0.000872 U	<0.000895 U	<0.000903 U	<0.000867 U	<0.000918 U	<0.000851 U	<0.000881 U	<0.000822 U	<0.000834 U	<0.000817 U	<0.000897 U
2H,2H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	NS	mg/kg	<0.00555 U	<0.00579 U	<0.006 U	<0.00581 U	<0.00573 U	<0.00589 U	<0.00594 U	<0.00571 U	<0.00604 U	<0.0056 U	<0.0058 U	<0.00541 U	<0.00548 U	<0.00538 U	<0.0059 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	NS	mg/kg	<0.00555 U	<0.00579 U	<0.006 U	<0.00581 U	<0.00573 U	<0.00589 U	<0.00594 U	<0.00571 U	<0.00604 U	<0.0056 U	<0.0058 U	<0.00541 U	<0.00548 U	<0.00538 U	<0.0059 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	NS	mg/kg	<0.00111 U	<0.00116 U	<0.0012 U	<0.00116 U	<0.00115 U	<0.00118 U	<0.00119 U	<0.00114 U	<0.00121 U	<0.00112 U	<0.00116 U	<0.00108 U	<0.0011 U	<0.00108 U	<0.00118 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	NS	mg/kg	<0.000839 U	<0.000875 U	<0.000908 U	<0.000878 U	<0.000867 U	<0.000891 U	<0.000898 U	<0.000863 U	<0.000913 U	<0.000847 U	<0.000876 U	<0.000818 U	<0.000829 U	<0.000813 U	<0.000892 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	NS	NS	NS	mg/kg	<0.00083 U	<0.000866 U	<0.000898 U	<0.000869 U	<0.000858 U	<0.000881 U	<0.000889 U	<0.000854 U	<0.000903 U	<0.000838 U	<0.000867 U	<0.000809 U	<0.000821 U	<0.000804 U	<0.000883 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	NS	mg/kg	<0.000888 U	<0.000926 U	<0.00096 U	<0.000929 U	<0.000917 U	<0.000942 U	<0.00095 U	<0.000913 U	<0.000966 U	<0.000896 U	<0.000927 U	<0.000865 U	<0.000878 U	<0.00086 U	<0.000944 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	NS	mg/kg	<0.00222 U	<0.00232 U	<0.0024 U	<0.00232 U	<0.00229 U	<0.00236 U	<0.00238 U	<0.00228 U	<0.00242 U	<0.00224 U	<0.00232 U	<0.00216 U	<0.00219 U	<0.00215 U	<0.00236 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	NS	mg/kg	<0.00222 U	<0.00232 U	<0.0024 U	<0.00232 U	<0.00229 U	<0.00236 U	<0.00238 U	<0.00228 U	<0.00242 U	<0.00224 U	<0.00232 U	<0.00216 U	<0.00219 U	<0.00215 U	<0.00236 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	NS	mg/kg	<0.000444 U	<0.000463 U	<0.00048 U	<0.000465 U	<0.000459 U	<0.000471 U	<0.000475 U	<0.000457 U	<0.000483 U	<0.000448 U	<0.000464 U	<0.000433 U	<0.000439 U	<0.00043 U	<0.000472 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	NS	mg/kg	<0.000395 U	<0.000412 U	<0.000427 U	<0.000413 U	<0.000408 U	<0.000419 U	<0.000423 U	<0.000406 U	<0.00043 U	<0.000399 U	<0.000413 U	<0.000385 U	<0.000391 U	<0.000383 U	<0.00042 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	NS	NS	NS	mg/kg	<0.000444 UJ	<0.000463 UJ	<0.00048 UJ	<0.000465 UJ	<0.000459 UJ	<0.000471 UJ	<0.000475 UJ	<0.000457 UJ	<0.000483 UJ	<0.000448 UJ	<0.000464 UJ	<0.000433 UJ	<0.000439 UJ	<0.00043 UJ	<0.000472 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	NS	NS	NS	mg/kg	<0.000444 U	<0.000463 U	<0.00048 U	<0.000465 U	<0.000459 U	<0.000471 U	<0.000475 U	<0.000457 U	<0.000483 U	<0.000448 U	<0.000464 U	<0.000433 U	<0.000439 U	<0.00043 U	<0.000472 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	NS	mg/kg	<0.000196 U	<0.000205 U	<0.000212 U	<0.000206 U	<0.000203 U	<0.000209 U	<0.00021 U	<0.000202 U	<0.000214 U	<0.000198 U	<0.000205 U	<0.000191 U	<0.000194 U	<0.00019 U	<0.000209 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	NS	mg/kg	<0.000888 UJ	<0.000926 U	<0.00096 U	<0.000929 U	<0.000917 U	<0.000942 U	<0.00095 U	<0.00913 UJ	<0.000966 U	<0.000896 U	<0.000927 U	<0.000865 U	<0.000878 UJ	<0.00086 U	<0.000944 UJ
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	NS	mg/kg	<0.000214 U	<0.000223 U	<0.000232 U	<0.000224 U	<0.000221 U	<0.000227 U	<0.000229 U	<0.00022 U	<0.000233 U	<0.000216 U	<0.000224 U	<0.000209 U	<0.000212 U	<0.000208 U	<0.000228 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	NS	mg/kg	0.000254	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	0.000283	<0.000216 U	0.000228	<0.000215 U	<0.000236 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	NS	mg/kg	<0.000215 U	<0.000225 UJ	<0.000233 UJ	<0.000225 UJ	<0.000222 UJ	<0.000229 UJ	<0.00023 UJ	<0.000221 U	<0.000234 UJ	<0.000217 UJ	<0.000225 UJ	<0.00021 UJ	<0.000213 UJ	<0.000209 UJ	<0.000229 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	NS	mg/kg	0.000209 J	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	0.000211 J	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	NS	mg/kg	0.000149 J	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	NS	mg/kg	<0.000203 U	<0.000212 U	<0.00022 U	<0.000213 U	<0.00021 U	<0.000216 U	<0.000217 U	<0.000209 U	<0.000221 U	<0.000205 U	<0.000212 U	<0.000198 U	<0.000201 U	<0.000197 U	<0.000216 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	NS	mg/kg	0.000109 J	<0.000232 U	0.00012 J	<0.000232 U	0.000118 J	<0.000236 U	0.000105 J	<0.000228 U	0.000144 J	<0.000224 U	0.000174 J	<0.000216 U	0.0000961 J	0.0000809 J	<0.000236 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	NS	mg/kg	<0.000213 U	<0.000222 U	<0.00023 U	<0.000223 U	<0.00022 U	<0.000226 U	<0.000228 U	<0.000219 U	<0.000232 U	<0.000215 U	<0.000223 U	<0.000208 U	<0.000211 U	<0.000206 U	<0.000227 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	*	0.0088	0.44	mg/kg	**0.00101**	<0.000215 U	0.000745	<0.000216 U	0.000569	<0.000219 U	**0.00213**	<0.000212 U	**0.00395**	0.000772	**0.00128**	0.000295	0.000222	<0.0002 U	<0.000219 U
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.00066**	*	0.0066	0.6	mg/kg	**0.000921**	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	0.000502	<0.000228 U	**0.000922**	<0.000224 U	0.00029	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	NS	mg/kg	0.000228 J	<0.000463 U	0.000152 J	<0.000465 U	0.000187 J	<0.000471 U	0.000164 J	<0.000457 U	0.000135 J	<0.000448 U	0.000282 J	<0.000433 U	<0.000439 U	<0.00043 U	<0.000472 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	NS	mg/kg	<0.000209 U	<0.000218 U	<0.000226 U	<0.000218 U	<0.000216 U	<0.000221 U	<0.000223 U	<0.000215 U	<0.000227 U	<0.000211 U	<0.000218 U	<0.000203 U	<0.000206 U	<0.000202 U	<0.000222 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	NS	mg/kg	<0.000222 U	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	<0.000238 U	<0.000228 U	<0.000242 U	<0.000224 U	<0.000232 U	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	NS	mg/kg	0.000205 J	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	0.000163 J	<0.000228 U	0.000814	<0.000224 U	0.00017 J	<0.000216 U	<0.000219 U	<0.000215 U	<0.000236 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	NS	mg/kg	0.000291	<0.000232 U	<0.00024 U	<0.000232 U	<0.000229 U	<0.000236 U	0.000366	<0.000228 U	<0.000242 U	<0.000224 U	0.000422	<0.000216 U	0.000268	0.00023	<0.000236 U
General Chemistry																					
Solids, Percent	SOLID	NS	NS	NS	NS	Percent	89.1	86.2	83.6	85.6	86.9	84.5	84.2	87.4	83.1	88.9	86.1	93	91.2	93	84.7

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

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

* - The list of PGW SCOs was extracted from the NYSDEC BCP Site No. C224256 – 145-165 Wolcott Street Remedial Action Work Plan for consistency across datasets.

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, Restricted Use Residential and Restricted Use Industrial Soil Cleanup Objectives (SCO).

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, Protection of Groundwater, Restricted Use Residential and Restricted Use Industrial Guidance Values (April 2023).

Qualifiers:
D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
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 Residential SCOs
10 - Result exceeds Restricted Use Industrial SCOs

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-016	MW-017	MW-017	MW-018	MW-019	MW-020
			Sample Name	MW-016_011725	MW-017_011725	GWDUP01_011725	MW-018_011725	MW-019_011725	MW-020_013025
			Sample Date	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/30/2025
			Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 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	<0.5 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	<0.5 U	<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	<0.5 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	<0.5 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
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<0.5 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	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<0.5 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	<0.5 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	<0.5 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	<0.5 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	<0.5 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	<80 UJ	<80 UJ	<80 U	<80 UJ	<80 UJ	<80 UJ
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ
Acetone	67-64-1	50	ug/l	1.48 J	1.62 J	1.58 J	1.83 J	<2 U	<2 U
Acrolein	107-02-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
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
Bromochloromethane	74-97-5	5	ug/l	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromomethane	74-83-9	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	74-87-3	5	ug/l	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<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	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Cymene	99-87-6	5	ug/l	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
Ethylbenzene	100-41-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<0.5 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	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	<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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
Methylcyclohexane	108-87-2	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	103-65-1	5	ug/l	<0.5 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	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	100-42-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 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	<1 UJ	<1 UJ	<1 U	<1 UJ	<1 UJ	<1 UJ
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	3.13	0.39 J	0.32 J	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	1330-20-7	5	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 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
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
Total VOCs	TOTALVOCS	NS	ug/l	4.61	2.01	1.9	1.83	ND	ND

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-016	MW-017	MW-017	MW-018	MW-019	MW-020
			Sample Name	MW-016_011725	MW-017_011725	GWDUP01_011725	MW-018_011725	MW-019_011725	MW-020_013025
			Sample Date	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/30/2025
			Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
1,2-Diphenylhydrazine	122-66-7	0	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<0.3 U	<0.3 U	<0.3 U	<0.3 U	<0.3 U	<0.3 UJ
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4-Dinitrophenol	51-28-5	1	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Chloronaphthalene	91-58-7	10	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Chlorophenol	95-57-8	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Methylnaphthalene	91-57-6	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
2-Nitrophenol	88-75-5	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
4-Nitrophenol	100-02-7	NS	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.56 UJ
Acenaphthene	83-32-9	20	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Acenaphthylene	208-96-8	NS	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Anthracene	120-12-7	50	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Atrazine	1912-24-9	7.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 UJ
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Benzidine	92-87-5	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(a)pyrene	50-32-8	0	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzoic Acid	65-85-0	NS	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.56 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 UJ
Caprolactam	105-60-2	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Carbazole	86-74-8	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Chrysene	218-01-9	0.002	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Dibenzofuran	132-64-9	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Diphenylamine	122-39-4	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Fluoranthene	206-44-0	50	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Fluorene	86-73-7	50	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.3 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.0222 UJ
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<11.1 UJ
Hexachloroethane	67-72-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.556 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Isophorone	78-59-1	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Naphthalene	91-20-3	10	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Nitrobenzene	98-95-3	0.4	ug/l	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.278 UJ
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.556 UJ
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Pentachlorophenol	87-86-5	1	ug/l	<0.25 UJ	<0.25 UJ	<0.25 UJ	<0.25 UJ	<0.25 UJ	<0.278 UJ
Phenanthrene	85-01-8	50	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Phenol	108-95-2	1	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 UJ
Pyrene	129-00-0	50	ug/l	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Pyridine	110-86-1	50	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.56 UJ
Total SVOCs	TOTALSVOCS	NS	ug/l	ND	ND	ND	ND	ND	0.3

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-016	MW-017	MW-017	MW-018	MW-019	MW-020
			Sample Name	MW-016_011725	MW-017_011725	GWDUP01_011725	MW-018_011725	MW-019_011725	MW-020_013025
			Sample Date	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/30/2025
			Unit	Result	Result	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	0.3	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
4,4'-DDE	72-55-9	0.2	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
4,4'-DDT	50-29-3	0.2	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Aldrin	309-00-2	0	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Alpha Chlordane	5103-71-9	NS	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Alpha Endosulfan	959-98-8	NS	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Beta Endosulfan	33213-65-9	NS	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.2 U	<0.229 U	<0.2 UJ	<0.211 U	<0.211 U	<0.2 UJ
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Dieldrin	60-57-1	0.004	ug/l	<0.002 U	<0.00229 U	<0.002 UJ	<0.00211 U	<0.00211 U	<0.002 UJ
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Endrin	72-20-8	0	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Endrin Aldehyde	7421-93-4	5	ug/l	<0.01 U	<0.0114 U	<0.01 UJ	<0.0105 U	<0.0105 U	<0.01 UJ
Endrin Ketone	53494-70-5	5	ug/l	<0.01 U	<0.0114 U	<0.01 UJ	<0.0105 U	<0.0105 U	<0.01 UJ
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Gamma-Chlordane	5566-34-7	NS	ug/l	<0.01 U	<0.0114 U	<0.01 UJ	<0.0105 U	<0.0105 U	<0.01 UJ
Heptachlor	76-44-8	0.04	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Methoxychlor	72-43-5	35	ug/l	<0.004 U	<0.00457 U	<0.004 UJ	<0.00421 U	<0.00421 U	<0.004 UJ
Toxaphene	8001-35-2	0.06	ug/l	<0.1 U	<0.114 U	<0.1 UJ	<0.105 U	<0.105 U	<0.1 UJ
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
Total PCBs	1336-36-3	0.09	ug/l	<0.05 U	<0.0571 U	<0.05 U	<0.0526 U	<0.0526 U	<0.05 U
Metals - Dissolved									
Aluminum	7429-90-5	NS	ug/l	<55.6 U	<55.6 U	<55.6 U	<55.6 U	<55.6 U	<55.6 U
Antimony	7440-36-0	3	ug/l	2.3	<1.11 U	1.71	<1.11 U	1.95	<1.11 U
Arsenic	7440-38-2	25	ug/l	<1.11 U	1.59 J	4.83 J	<1.11 U	5.39	<1.22 U
Barium	7440-39-3	1000	ug/l	<27.8 U	<27.8 U	<27.8 U	<27.8 U	53.3	52.6
Beryllium	7440-41-7	3	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<0.333 U
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	49,700 J	3,800 J	2,490 J	9,560 J	57,500 J	97,900
Chromium, Total	7440-47-3	50	ug/l	6.11	<5.56 U	6	9.11	6.89	<5.56 U
Cobalt	7440-48-4	NS	ug/l	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U
Iron	7439-89-6	300	ug/l	<278 U	<278 U	<278 U	<278 U	<278 U	<278 U
Lead	7439-92-1	25	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Magnesium	7439-95-4	35000	ug/l	11,500	1,030 J	591 J	1,300	22,700	30,200
Manganese	7439-96-5	300	ug/l	38	6.89	<5.56 U	23.8	31.8	175
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	18.6	<11.1 U	<11.1 U	<11.1 U	42.1	37.4
Potassium	7440-09-7	NS	ug/l	4,280 J	1,870 J	1,850	6,220 J	23,900 J	14,300 B
Selenium	7782-49-2	**10**	ug/l	6.21	**10.3 J**	2.71 J	4.58	3.99	<3.13 U
Silver	7440-22-4	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	17,100	**36,400**	**36,200**	12,100	13,500	**29,200**
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	32.8	<27.8 U	40.8	<27.8 U	30.3	<27.8 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	NYSDEC SGVs	Location	MW-016	MW-017	MW-017	MW-018	MW-019	MW-020
			Sample Name	MW-016_011725	MW-017_011725	GWDUP01_011725	MW-018_011725	MW-019_011725	MW-020_013025
			Sample Date	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/17/2025	01/30/2025
			Unit	Result	Result	Result	Result	Result	Result
Metals - Total									
Aluminum	7429-90-5	NS	ug/l	2,200	37,600 J	14,800 J	859	108	<55.6 U
Antimony	7440-36-0	3	ug/l	2.23	<1.11 U	<1.11 U	<1.11 U	2.14	<1.11 U
Arsenic	7440-38-2	25	ug/l	<1.11 U	4.54	3.78	1.22	5.28	<1.16 U
Barium	7440-39-3	1000	ug/l	34.8	128	107	<27.8 U	60.4	53.1
Beryllium	7440-41-7	3	ug/l	<0.333 UJ	0.569	0.659	<0.333 U	<0.333 U	<0.333 U
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	45,300 J	8,390 J	10,600	9,080 J	59,000 J	101,000 B
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	10.6	65.3 J	26.8 J	5.89	<5.56 U	<5.56 U
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	5.22	29.9 J	18.4 J	<4.44 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	<22.2 U	70.7 J	36.3 J	<22.2 U	<22.2 U	<22.2 U
Cyanide	57-12-5	200	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
Iron	7439-89-6	**300**	ug/l	**4,590**	**51,800 J**	**15,600 J**	**931**	**348**	<278 U
Lead	7439-92-1	**25**	ug/l	18.7	**40.2**	**30.7**	<5.56 U	24.9	<5.56 U
Magnesium	7439-95-4	35000	ug/l	12,400	11,800 J	7,700 J	1,410	23,200	31,500
Manganese	7439-96-5	**300**	ug/l	163	**1,030 J**	**564 J**	33	42	179
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	67.9	**193 J**	70.6 J	<11.1 U	42.6	37.9
Potassium	7440-09-7	NS	ug/l	3,630 J	6,030 J	3,530 J	5,420 J	24,100 J	14,900
Selenium	7782-49-2	10	ug/l	7.64	7.32 J	5.11 J	4.42	3.99	<3.56 U
Silver	7440-22-4	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	15,800	**39,500**	**38,600**	11,700	14,000	**30,500**
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	ug/l	<11.1 U	85.2 J	33.2 J	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	85.8	163 J	88.2 J	<27.8 U	30.3	<27.8 U
Per- and Polyfluoroalkyl Substances									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	ug/l	<0.00733 U	<0.00792 U	<0.00837 U	<0.00689 U	<0.00701 U	<0.0072 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	ug/l	<0.00745 U	<0.00805 U	<0.0085 U	<0.007 U	<0.00712 U	<0.00732 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	ug/l	<0.00727 UJ	<0.00786 U	<0.0083 U	<0.00683 U	<0.00695 UJ	<0.00715 UJ
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	<0.00737 U	<0.00796 U	<0.00841 U	<0.00692 U	<0.00705 U	<0.00724 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	ug/l	<0.0242 U	<0.0262 U	<0.0277 U	<0.0228 U	<0.0232 U	<0.0238 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	ug/l	<0.0242 U	<0.0262 U	<0.0277 U	<0.0228 U	<0.0232 U	<0.0238 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	ug/l	<0.00485 U	<0.00524 U	<0.00553 U	<0.00455 U	<0.00464 U	<0.00476 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	ug/l	<0.00733 U	<0.00792 U	<0.00837 U	<0.00689 U	<0.00701 U	<0.0072 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	ug/l	<0.00726 U	<0.00784 U	<0.00828 U	<0.00681 U	<0.00694 U	<0.00713 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	ug/l	<0.00776 U	<0.00838 U	<0.00886 U	<0.00729 U	<0.00742 U	<0.00762 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	ug/l	<0.0194 U	<0.021 U	<0.0221 U	<0.0182 U	<0.0185 U	<0.0191 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	ug/l	<0.0194 U	<0.021 U	<0.0221 U	<0.0182 U	<0.0185 U	<0.0191 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	ug/l	<0.00388 U	<0.00419 U	<0.00443 U	<0.00364 U	<0.00371 U	<0.00381 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	ug/l	<0.00345 U	<0.00373 U	<0.00394 U	<0.00324 U	<0.0033 U	<0.00339 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	ug/l	<0.00388 UJ	<0.00419 UJ	<0.00443 U	<0.00364 UJ	<0.00371 UJ	<0.00381 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	ug/l	<0.00388 U	<0.00419 U	<0.00443 U	<0.00364 U	<0.00371 U	<0.00381 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	0.00856	0.0069	0.00678	0.00329	0.00506	0.00705
Perfluorobutanoic acid (PFBA)	375-22-4	NS	ug/l	0.00589 J	0.00552 J	0.00592 J	0.00944 J	0.0296	0.0359
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	<0.00187 U	<0.00202 U	<0.00214 U	<0.00176 U	<0.00179 U	<0.00184 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	0.00117 J	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	ug/l	<0.00188 U	<0.00203 U	<0.00215 U	<0.00177 U	<0.0018 U	<0.00185 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	<0.00185 U	<0.002 U	<0.00211 U	<0.00174 U	<0.00177 U	<0.00182 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	0.00417	0.0035	0.00407	0.00503	0.0135	0.00397
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	<0.00177 U	<0.00192 U	<0.00203 U	<0.00167 U	<0.0017 U	0.00369
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	0.00611	0.0158	0.014	0.0117	0.0347	0.00604
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	ug/l	<0.00186 U	<0.00201 U	<0.00213 U	<0.00175 U	<0.00178 U	<0.00183 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	0.00303	0.00481	0.00496	0.00341	0.00421	0.00446
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	**0.0213**	**0.0213**	**0.0204**	**0.0106**	**0.047**	**0.051**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	**0.0131**	**0.0198**	**0.0186**	**0.0237**	**0.0333**	**0.147**
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	0.0097	0.0192	0.0178	0.0128	0.0456	0.00846
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	ug/l	<0.00182 U	<0.00197 U	<0.00208 U	<0.00171 U	<0.00174 U	<0.00179 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	<0.00194 U	<0.0021 U	<0.00221 U	<0.00182 U	<0.00185 U	<0.00191 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
ND - Not Detected
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:

B - The analyte was found in the associated analysis batch blank.
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

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

Analyte	CAS Number	Location	AA-001	SV-011	SV-012	SV-013	SV-014
		Sample Name	AA-001_011025	SV-011_011025	SV-012_011025	SV-013_011025	SV-014_011025
		Sample Date	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025
		Sample Type	AA	SV	SV	SV	SV
		Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	<0.53 UJ	<1 UJ	<0.97 UJ	<1 U	<0.98 UJ
1,1,1-Trichloroethane	71-55-6	ug/m3	<0.42 UJ	<0.81 UJ	<0.77 UJ	<0.81 U	<0.78 UJ
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<0.53 UJ	<1 UJ	<0.97 UJ	<1 U	<0.98 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	<0.59 UJ	<1.1 UJ	<1.1 UJ	<1.1 U	<1.1 UJ
1,1,2-Trichloroethane	79-00-5	ug/m3	<0.42 UJ	<0.81 UJ	<0.77 UJ	<0.81 U	<0.78 UJ
1,1-Dichloroethane	75-34-3	ug/m3	<0.31 UJ	<0.6 UJ	<0.57 UJ	<0.6 U	<0.58 UJ
1,1-Dichloroethene	75-35-4	ug/m3	<0.077 UJ	<0.15 UJ	<0.14 UJ	<0.15 U	<0.14 UJ
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<0.58 UJ	<1.1 UJ	<1.1 UJ	<1.1 U	<1.1 UJ
1,2,4-Trimethylbenzene	95-63-6	ug/m3	<0.38 UJ	1 J	<0.7 UJ	1.1 D	0.85 J
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<0.6 UJ	<1.1 UJ	<1.1 UJ	<1.1 U	<1.1 UJ
1,2-Dichlorobenzene	95-50-1	ug/m3	<0.47 UJ	<0.89 UJ	<0.85 UJ	<0.89 U	<0.86 UJ
1,2-Dichloroethane	107-06-2	ug/m3	<0.31 UJ	<0.6 UJ	<0.57 UJ	<0.6 U	<0.58 UJ
1,2-Dichloropropane	78-87-5	ug/m3	<0.36 UJ	<0.69 UJ	<0.66 UJ	<0.69 U	<0.66 UJ
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<0.54 UJ	<1 UJ	<0.99 UJ	<1 U	<1 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	<0.38 UJ	<0.73 UJ	<0.7 UJ	<0.73 U	<0.7 UJ
1,3-Butadiene	106-99-0	ug/m3	<0.52 UJ	<0.99 UJ	<0.94 UJ	<0.99 U	<0.95 UJ
1,3-Dichlorobenzene	541-73-1	ug/m3	<0.47 UJ	<0.89 UJ	<0.85 UJ	<0.89 U	<0.86 UJ
1,3-Dichloropropane	142-28-9	ug/m3	<0.36 UJ	<0.69 UJ	<0.66 UJ	<0.69 U	<0.66 UJ
1,4-Dichlorobenzene	106-46-7	ug/m3	<0.47 UJ	<0.89 UJ	<0.85 UJ	<0.89 U	<0.86 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<0.56 UJ	<1.1 UJ	<1 UJ	<1.1 U	<1 UJ
2,2,4-Trimethylpentane	540-84-1	ug/m3	0.33 J	<0.35 UJ	1.1 J	<0.35 U	<0.33 UJ
2-Hexanone (MBK)	591-78-6	ug/m3	<0.64 UJ	<1.2 UJ	5.5 J	<1.2 U	<1.2 UJ
4-Ethyltoluene	622-96-8	ug/m3	<0.38 UJ	<0.73 UJ	<0.7 UJ	<0.73 U	<0.7 UJ
Acetone	67-64-1	ug/m3	5.3 J	11 J	32 J	10 D	9.1 J
Acrylonitrile	107-13-1	ug/m3	<2.2 UJ	<4.2 UJ	<4 UJ	64 D	<4 UJ
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<1.2 UJ	<2.3 UJ	<2.2 UJ	<2.3 U	<2.2 UJ
Benzene	71-43-2	ug/m3	0.4 J	<0.47 UJ	0.54 J	<0.47 U	0.46 J
Benzyl Chloride	100-44-7	ug/m3	<0.4 UJ	<0.77 UJ	<0.74 UJ	<0.77 U	<0.74 UJ
Bromodichloromethane	75-27-4	ug/m3	<0.52 UJ	<1 UJ	<0.95 UJ	1 D	<0.96 UJ
Bromoethene	593-60-2	ug/m3	<0.34 UJ	<0.65 UJ	<0.62 UJ	<0.65 U	<0.63 UJ
Bromoform	75-25-2	ug/m3	<0.8 UJ	<1.5 UJ	<1.5 UJ	<1.5 U	<1.5 UJ
Bromomethane	74-83-9	ug/m3	<0.3 UJ	<0.58 UJ	<0.55 UJ	<0.58 U	<0.56 UJ
Carbon Disulfide	75-15-0	ug/m3	<0.24 UJ	0.83 J	9.2 J	<0.46 U	<0.45 UJ
Carbon Tetrachloride	56-23-5	ug/m3	0.39 J	<0.23 UJ	<0.22 UJ	<0.23 U	0.54 J
Chlorobenzene	108-90-7	ug/m3	<0.36 UJ	<0.68 UJ	<0.65 UJ	<0.68 U	<0.66 UJ
Chloroethane	75-00-3	ug/m3	<0.2 UJ	<0.39 UJ	<0.37 UJ	<0.39 U	<0.38 UJ
Chloroform	67-66-3	ug/m3	<0.38 UJ	26 J	<0.69 UJ	10 D	4.9 J
Chloromethane	74-87-3	ug/m3	1.2 J	<0.31 UJ	<0.29 UJ	<0.31 U	0.33 J
Cis-1,2-Dichloroethene	156-59-2	ug/m3	<0.077 UJ	0.29 J	0.23 J	0.24 D	0.17 J
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	<0.35 UJ	<0.67 UJ	<0.64 UJ	<0.67 U	<0.65 UJ
Cyclohexane	110-82-7	ug/m3	0.45 J	<0.51 UJ	1.6 J	<0.51 U	<0.49 UJ
Dibromochloromethane	124-48-1	ug/m3	<0.66 UJ	<1.3 UJ	<1.2 UJ	<1.3 U	<1.2 UJ
Dichlorodifluoromethane	75-71-8	ug/m3	2.3 J	1.9 J	2.5 J	2.6 D	<0.71 UJ
Ethyl Acetate	141-78-6	ug/m3	<0.56 UJ	<1.1 UJ	<1 UJ	<1.1 U	<1 UJ
Ethylbenzene	100-41-4	ug/m3	<0.34 UJ	<0.65 UJ	0.74 J	<0.65 U	<0.62 UJ
Hexachlorobutadiene	87-68-3	ug/m3	<0.83 UJ	<1.6 UJ	<1.5 UJ	<1.6 U	<1.5 UJ
Isopropanol	67-63-0	ug/m3	1.2 J	<2.2 UJ	<2.1 UJ	<2.2 U	3.2 J
M,P-Xylene	179601-23-1	ug/m3	<0.67 UJ	<1.3 UJ	2.7 J	<1.3 U	<1.2 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	0.43 J	5.1 J	54 J	1.2 D	0.97 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/m3	<0.32 UJ	<0.61 UJ	<0.58 UJ	<0.61 U	<0.59 UJ
Methyl Methacrylate	80-62-6	ug/m3	<0.32 UJ	<0.61 UJ	<0.58 UJ	<0.61 U	<0.59 UJ
Methylene Chloride	75-09-2	ug/m3	<1.6 UJ	<3.1 UJ	<3 UJ	<3.1 U	<3 UJ
Naphthalene	91-20-3	ug/m3	<0.81 UJ	<1.6 UJ	<1.5 UJ	<1.6 U	<1.5 UJ
n-Heptane	142-82-5	ug/m3	<0.32 UJ	<0.61 UJ	1.2 J	<0.61 U	<0.59 UJ
n-Hexane	110-54-3	ug/m3	0.85 J	<0.52 UJ	1.2 J	<0.52 U	<0.51 UJ
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	<0.34 UJ	<0.65 UJ	0.92 J	0.71 D	<0.62 UJ
Propylene	115-07-1	ug/m3	<0.13 UJ	<0.26 UJ	4.2 J	<0.26 U	<0.25 UJ
Styrene	100-42-5	ug/m3	<0.33 UJ	<0.63 UJ	<0.6 UJ	<0.63 U	<0.61 UJ
Tert-Butyl Methyl Ether	1634-04-4	ug/m3	<0.28 UJ	<0.54 UJ	<0.51 UJ	<0.54 U	<0.52 UJ
Tetrachloroethene (PCE)	127-18-4	ug/m3	<0.53 UJ	79 J	3.6 J	3.3 D	2.4 J
Tetrahydrofuran	109-99-9	ug/m3	<0.46 UJ	<0.88 UJ	<0.84 UJ	<0.88 U	<0.85 UJ
Toluene	108-88-3	ug/m3	0.7 J	0.73 J	2.8 J	<0.56 U	0.65 J
Trans-1,2-Dichloroethene	156-60-5	ug/m3	<0.31 UJ	<0.59 UJ	<0.56 UJ	<0.59 U	<0.57 UJ
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	<0.35 UJ	<0.67 UJ	<0.64 UJ	<0.67 U	<0.65 UJ
Trichloroethene (TCE)	79-01-6	ug/m3	<0.1 UJ	5.2 J	3.7 J	4.1 D	2.9 J
Trichlorofluoromethane	75-69-4	ug/m3	1.2 J	1.3 J	1.1 J	1.2 D	1.3 J
Vinyl Acetate	108-05-4	ug/m3	<0.27 UJ	<0.52 UJ	<0.5 UJ	<0.52 UJ	<0.5 UJ
Vinyl Chloride	75-01-4	ug/m3	<0.099 UJ	<0.19 UJ	<0.18 UJ	<0.19 U	<0.18 UJ
Total VOCs	TOTALVOCS	ug/m3	14.75	132.35	128.83	99.45	27.77

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

198-200 Conover Street
Brooklyn, New York
Langan Project No.: 170562203

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.

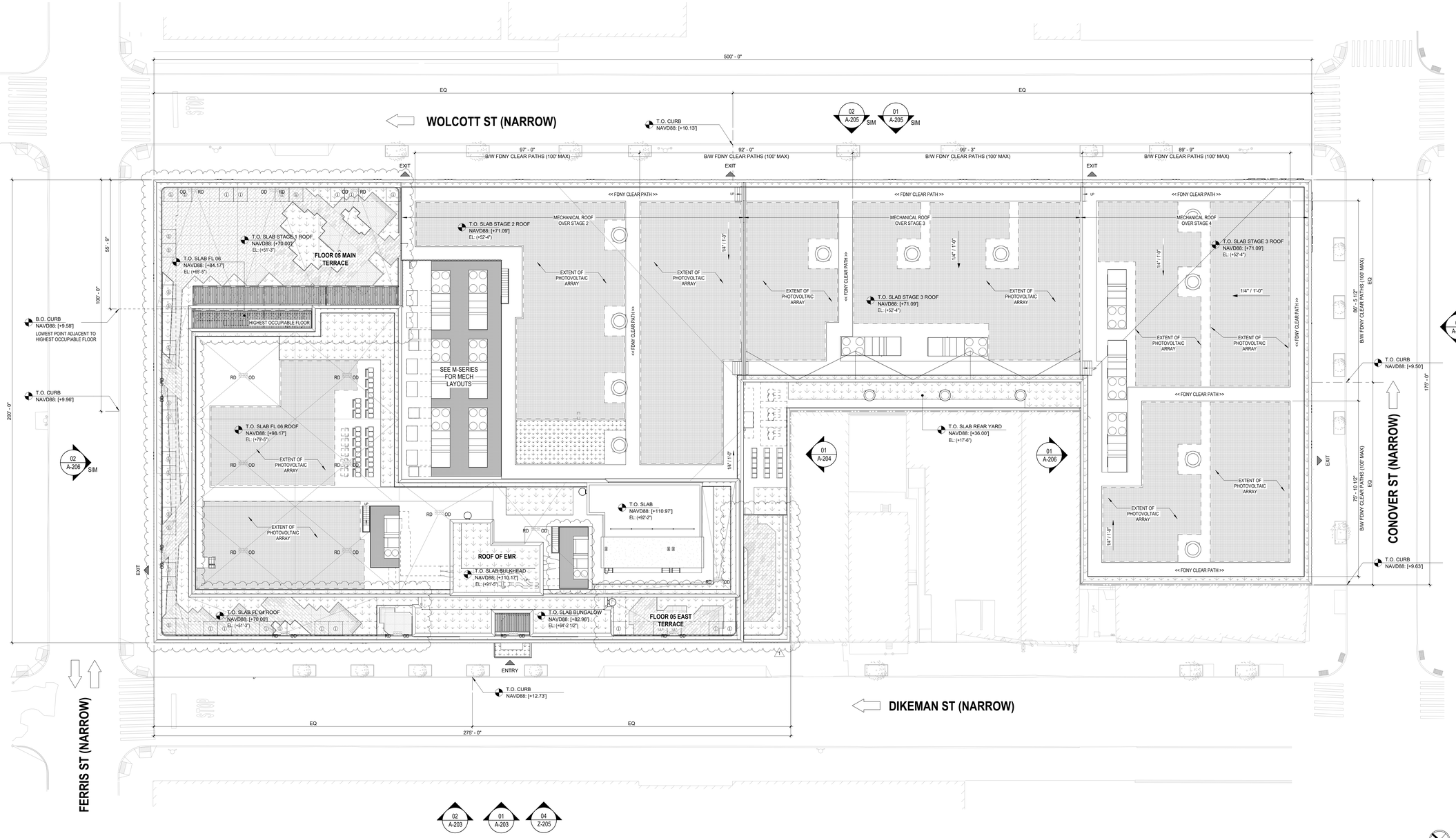
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

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.

APPENDIX A

PROPOSED REDEVELOPMENT PLANS



01 SITE PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS [+X.XX] ARE FROM NAVD88

COMPLIANCE WITH LOCAL LAW 92/94: SUSTAINABLE ROOFING ZONE:

ROOFTOP AREA AT 'MAIN ROOF' LEVEL IS 100% GREEN ROOF, AFTER FOR AREAS EXCEMPT FROM THE REQUIREMENT HAVE BEEN SUBTRACTED: THOSE USED BY MECHANICAL EQUIPMENT, PARAPETS/GUARDRAILS, OR OUTDOOR RECREATION SPACE (PRINCIPAL TO THE USE OF THE BUILDING). COMPLIES.

NOTES:

1. GREEN ROOF SURFACES TO HAVE A MIN INITIAL SOLAR REFLECTANCE OF 0.7, MIN. THERMAL EMITTANCE OF 0.75 AND A MINIUM SRI OF [78] 82 PER LOCAL LAW 92/94.

2. NON GREEN-ROOF IN RECREATONAL AREAS SURFACES TO HAVE A MINIMUM INITAL SOLAR REFLECTIANCE OF 0.3 PER LL92/94

GRADE PLANE ELEVATION

GRADE PLANE PER BC202
TO CURB ELEVATION AT CENTER OF THE FRONT OF BUILDING ALONG EACH STREET

FERRIS	9.96'
DIKEMAN	12.73'
CONOVER	9.50'
WOLCOTT	10.13'
GRADE PLANE (AVERAGE ELEVATION OF ALL STREETS)	**10.58'**

NOTE: ALL ELEVATIONS IN NAVD88

FDNY HIGH RISE CALCULATION

HIGHEST OCCUPIABLE FLOOR	84.17'
B.O. CURB AT LOWEST POINT ADJACENT TO HIGHEST OCCUPIABLE FLOOR	8.46'
ELEVATION DIFFERENCE	**75.58'**

75.58' < 75.00' = HIGH RISE

NOTE: ALL ELEVATIONS IN NAVD88

SITE PLAN LEGEND

- GREEN ROOF
- ROOF WITH PAVERS
- SOLAR

COOKFOX

176 DIKEMAN
BROOKLYN, NY 11231

BUNGALOW PROJECTS RE 233 BROADWAY, 10TH FLOOR NY, NY 10007 917.816.8171	CLIENT
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AMA GROUP 825 EIGHTH AVENUE, FL18 NEW YORK, NY 10019 P: 212.944.7722	MEP ENGINEER
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ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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176 DIKEMAN
BROOKLYN, NY 11231

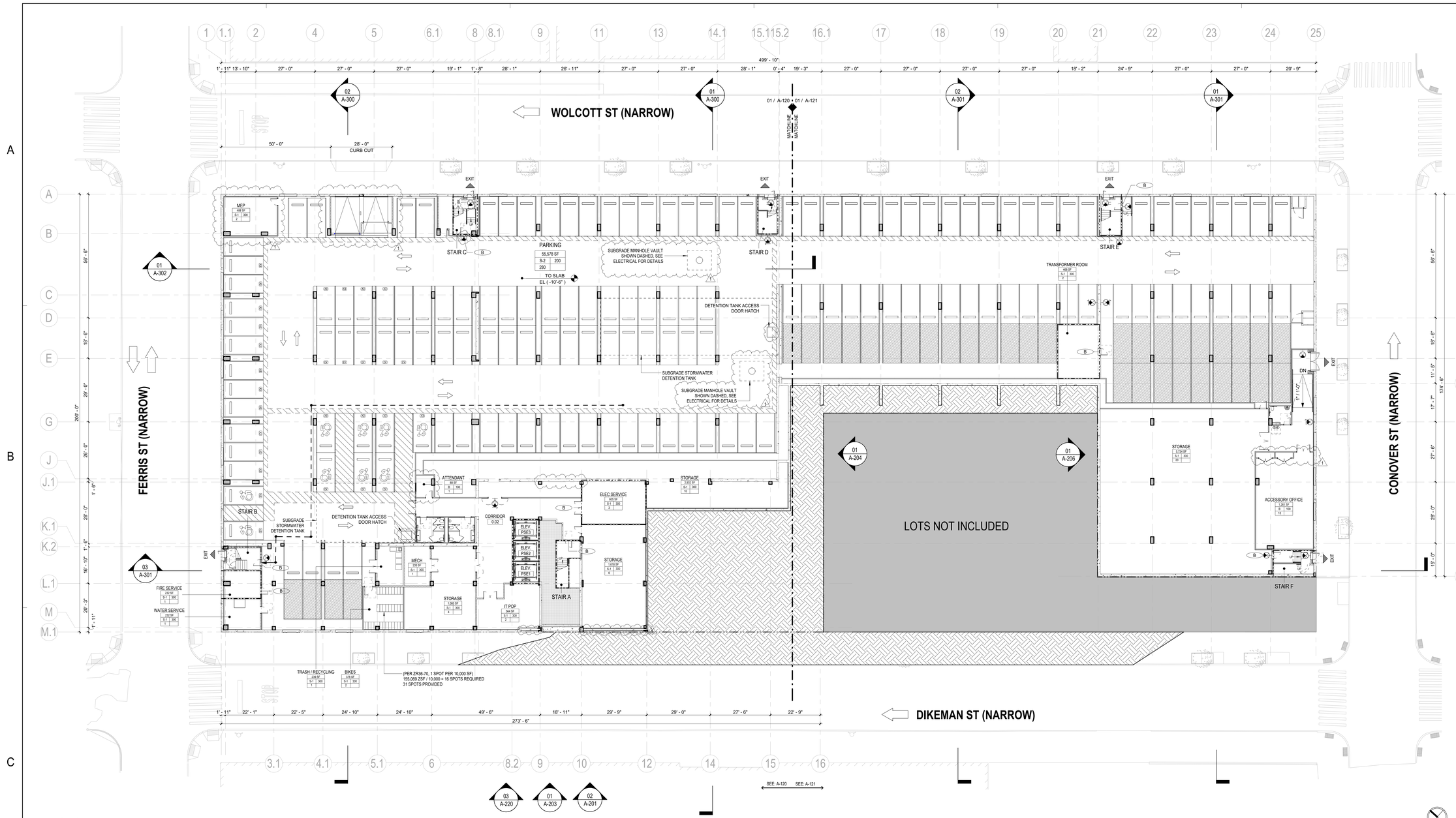
DRAWING TITLE:
SITE PLAN

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO:
A-090

B SCAN STICKER

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01 OVERALL FLOOR PLAN PARKING

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS (+X.XX') ARE FROM NAVD88

PARKING AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
ACCESSORY OFFICE	1,261 SF	B	100	13	
ATTENDANT	88 SF	B	100	1	
BIKES	378 SF	S-2	300	2	
ELEC SERVICE	605 SF	F-2	300	3	
FIRE SERVICE	232 SF	S-2	300	1	
IT POP	564 SF	S-2	300	2	
MECH	233 SF	F-2	300	1	
MEP	488 SF	S-2	300	1	
PARKING	55,578 SF	S-2	200	280	
STORAGE	1,085 SF	S-2	300	5	
STORAGE	1,618 SF	S-2	300	5	
STORAGE	2,932 SF	S-2	300	10	
STORAGE	5,724 SF	S-2	300	25	
TRANSFORMER ROOM	468 SF	F-2	300	2	
TRASH / RECYCLING	239 SF	S-2	300	2	
WATER SERVICE	232 SF	S-2	300	1	
Grand total: 16	71,727 SF			354	

PLUMBING FIXTURE CALCULATIONS

S-2	TOTAL FLOOR OCCUPANCY	339 PERSONS 170 PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE/CALC	FIXTURES
S-2	170	1 PER 100	2
FIXTURES REQUIRED PER GENDER			2
TOTAL FIXTURES REQUIRED		2 (*2)	4

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
S-2	170	1 PER 100	2
FIXTURES REQUIRED PER GENDER			2
TOTAL FIXTURES REQUIRED		2 (*2)	4

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
S-2	170	1 PER 1,000	0
TOTAL DRINKING FOUNTAINS REQUIRED			0
ACCESSIBLE DRINKING FOUNTAINS		50%	0

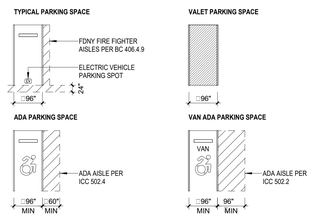
REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	2	2	2	2	0	1
PROVIDED	3	3	2	2	0	1

PARKING LEGEND



PARKING SCHEDULE	
TYPE	COUNT
	1
ADA	10
TYPICAL	138
VALET	36
Grand total: 185	

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED

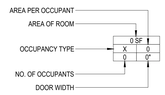
- DOUBLE DIRECTION
- SINGLE DIRECTION
- NON-DIRECTIONAL
- DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

- SPRINKLER - CEILING - UPRIGHT/PENDENT
- SPRINKLER - CEILING - CONCEALED
- SPRINKLER - SIDEWALL - PENDENT
- SPRINKLER - SIDEWALL - CONCEALED
- SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND



WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

- GYPSUM PARTITION
- CMU PARTITION

WALL FIRE RATING

- 3 HR FIRE RATED PARTITION WALL
- 2 HR FIRE RATED PARTITION WALL
- 1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

- COMMON PATH OF TRAVEL
- MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # 36"DOOR — DOOR ASSEMBLY RATING / WIDTH

- A — FIRE-RATED DOOR ASSEMBLY 3 HR - SELF CLOSING
- B — FIRE-RATED DOOR ASSEMBLY 1 1/2 HR - SELF CLOSING
- C — FIRE-RATED DOOR ASSEMBLY 3/4 HOUR - SELF CLOSING
- D — NON-RATED DOOR ASSEMBLY 0 HOUR

NOTES:
• SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
• DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
• ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
• PER RONY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

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176 DIKEMAN

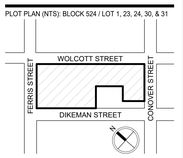
BROOKLYN, NY 11231

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ISSUES:

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01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:

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BROOKLYN, NY 11231

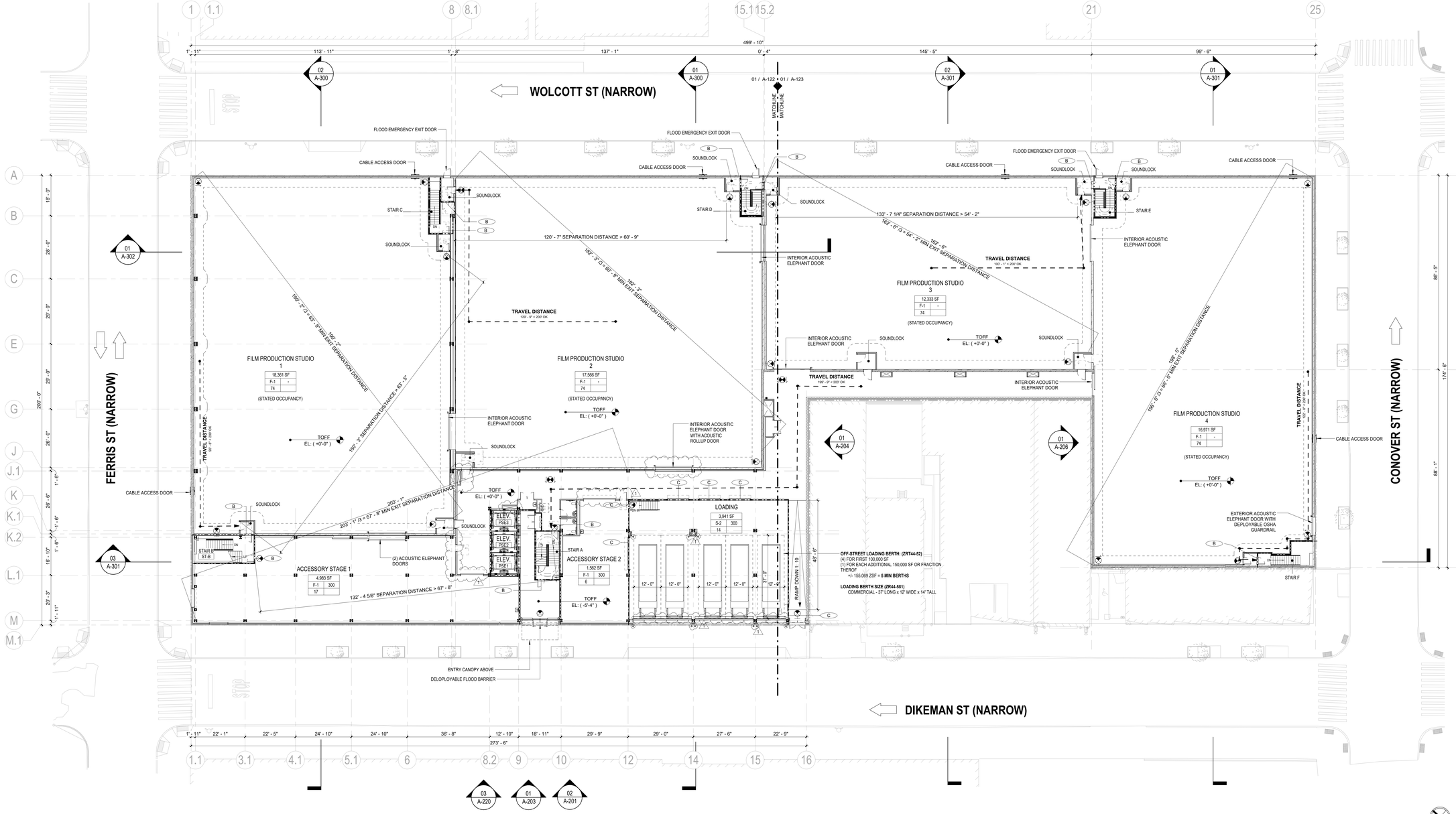
DRAWING TITLE:
OVERALL FLOOR PLAN PARKING

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO: A-100

B SCAN STICKER

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01 OVERALL FLOOR PLAN GROUND

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS (+X.XX') ARE FROM NAVD88

GROUND FLOOR AREAS AND OCCUPANCY CALC

NAME	GROSS AREA	OCCUPANCY TYPE	OCUPANCY LOAD FACTOR	CALCULATED OCCUPANCY	PROPOSED OCCUPANCY	COMMENTS
ACCESSORY STAGE 1	4,983 SF	F-1	300	17	17	
ACCESSORY STAGE 2	1,562 SF	F-1	300	6	6	
FILM PRODUCTION STUDIO 1	16,361 SF	F-1	100	164	74	STATED OCCUPANCY
FILM PRODUCTION STUDIO 2	17,566 SF	F-1	100	176	74	STATED OCCUPANCY
FILM PRODUCTION STUDIO 3	12,333 SF	F-1	100	124	74	STATED OCCUPANCY
FILM PRODUCTION STUDIO 4	16,971 SF	F-1	100	170	74	STATED OCCUPANCY
LOADING	3,941 SF	S-2	300	14	14	
Grand total: 7	75,717 SF				333	

NOTE:
STAGE 1, 2, 3, & 4, STATED OCCUPANCY REFER TO CCD-1 #00004424

EGRESS WIDTH PROVIDED:

STAIR A:	48 INCHES
STAIR B:	48 INCHES
STAIR C:	48 INCHES
STAIR D:	48 INCHES
STAIR E:	48 INCHES
STAIR F:	48 INCHES
STAIR VESTIBULE DOORS:	36 INCHES
EGRESS CORRIDOR:	60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS	0.3 INCHES PER OCCUPANT
OTHER COMPONENTS	0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
STAGE 1	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	74
STAGE 2	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	74
STAGE 3	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	74
STAGE 4	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	74
ACCESSORY STAGE	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	38

GROUND FLOOR — PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

F-1	TOTAL FLOOR OCCUPANCY	333 167	PERSONS PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE/CALC	FIXTURES
F-1	167	1 PER 100	2
FIXTURES REQUIRED PER GENDER			2
TOTAL FIXTURES REQUIRED		2 * (2)	4

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
F-1	167	1 PER 100	2
FIXTURES REQUIRED PER GENDER			2
TOTAL FIXTURES REQUIRED		2 * (2)	4

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
F-1	344	1 PER 400	1
TOTAL DRINKING FOUNTAINS REQUIRED			1
ACCESSIBLE DRINKING FOUNTAINS		50%	1

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	2	2	2	2	1	1
PROVIDED	1	1	1	1	1	1

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED
DOUBLE DIRECTION
SINGLE DIRECTION
NON-DIRECTIONAL
DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

SPRINKLER - CEILING - UPRIGHT/PENDENT
SPRINKLER - CEILING - CONCEALED
SPRINKLER - SIDEWALL - PENDENT
SPRINKLER - SIDEWALL - CONCEALED
SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT
AREA OF ROOM
OCCUPANCY TYPE — 0 SF | X | 0 | 0 | 0"
NO. OF OCCUPANTS
DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION
CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL
2 HR FIRE RATED PARTITION WALL
1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL
MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND
TAG: # (DOOR ASSEMBLY RATING) / 36"DOOR (WIDTH)

A — FIRE-RATED DOOR ASSEMBLY, 3 HR - SELF CLOSING
B — FIRE-RATED DOOR ASSEMBLY, 1 1/2 HR - SELF CLOSING
C — FIRE-RATED DOOR ASSEMBLY, 3/4 HOUR - SELF CLOSING
D — NON-RATED DOOR ASSEMBLY, 0 HOUR

NOTES:
• SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
• DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
• ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
• PER RCNY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

176 DIKEMAN
BROOKLYN, NY 11231

BUNGALOW PROJECTS RE — CLIENT
233 BROADWAY, 10TH FLOOR
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CBA ELEVATOR CONSULTANTS — ELEVATOR CONSULTANT
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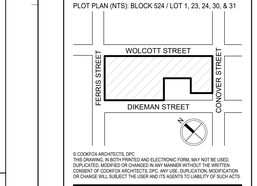
THORNTON TOMASETTI — FLOOD CONSULTANT
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TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:
176 DIKEMAN
BROOKLYN, NY 11231

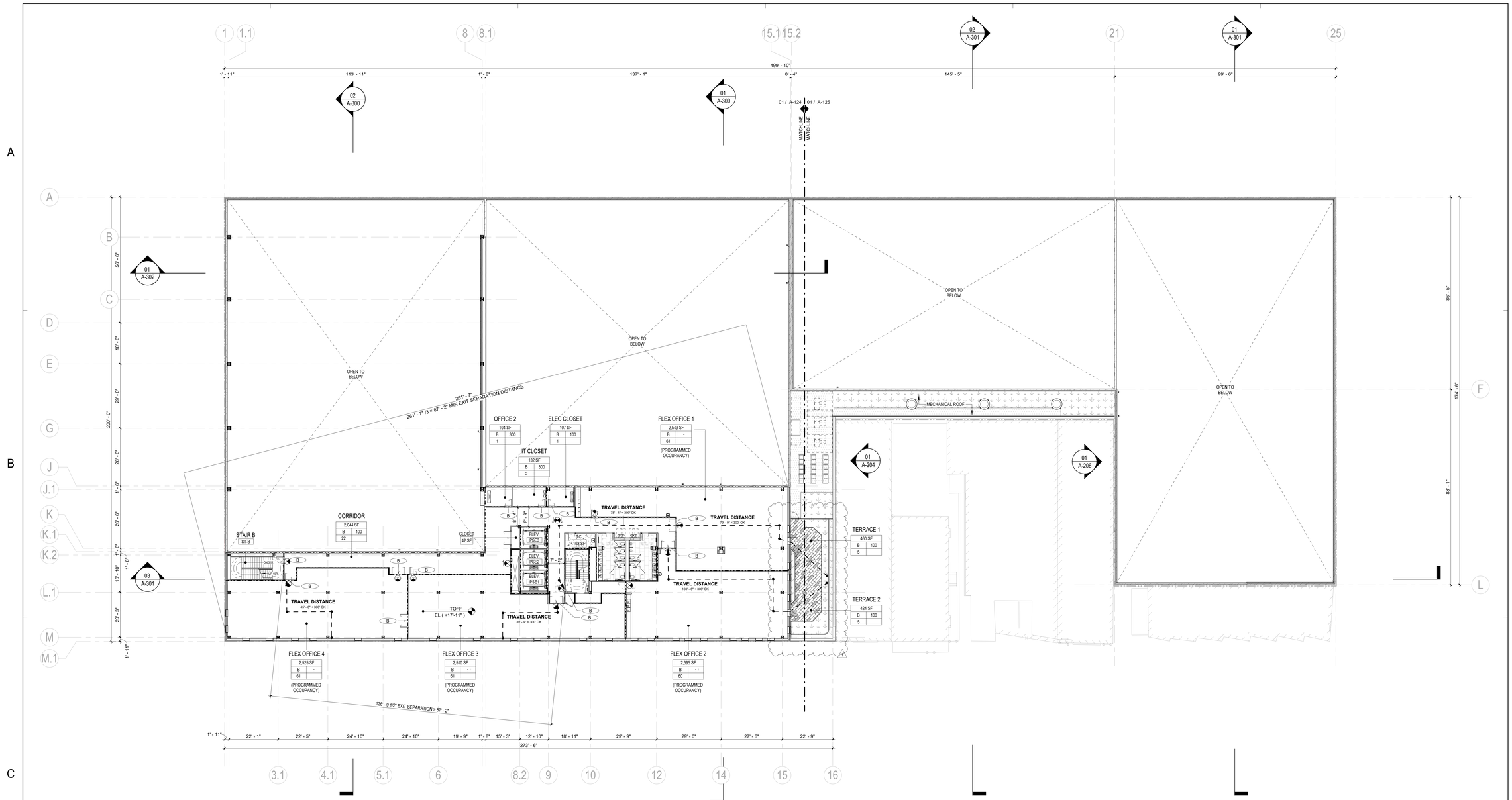
DRAWING TITLE:
OVERALL FLOOR PLAN GROUND

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO: A-101

B SCAN STICKER

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01 FLOOR 2

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS [+X.XX'] ARE FROM NAVD88

FLOOR 02 AREAS AND OCCUPANCY CALC a

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
CLOSET	42 SF	B	100	1	
CORRIDOR	2,044 SF	B	100	22	
ELEC CLOSET	107 SF	B	100	1	
FLEX OFFICE 1	2,549 SF	B	100	61	PROGRAMMED OCCUPANCY
FLEX OFFICE 2	2,395 SF	B	100	60	PROGRAMMED OCCUPANCY
FLEX OFFICE 3	2,510 SF	B	100	61	PROGRAMMED OCCUPANCY
FLEX OFFICE 4	2,525 SF	B	100	61	PROGRAMMED OCCUPANCY
IT CLOSET	132 SF	B	300	2	
J.C.	103 SF	B	300	1	
OFFICE 2	104 SF	B	300	1	
Grand total: 10	12,511 SF			271	

FLOOR 02 TERRACE AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
TERRACE 1	460 SF	B	100	5	
TERRACE 2	424 SF	B	100	5	
Grand total: 2	884 SF			10	

EGRESS WIDTH PROVIDED:

STAIR A:	48 INCHES
STAIR B:	48 INCHES
STAIR VESTIBULE DOORS:	36 INCHES
EGRESS CORRIDOR:	60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS	0.3 INCHES PER OCCUPANT
OTHER COMPONENTS	0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
FLOOR 2	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	283

FLOOR 02 — PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

TOTAL FLOOR OCCUPANCY	283	PERSONS
	142	PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	142	(141-190)	6
FIXTURES REQUIRED PER GENDER			6
TOTAL FIXTURES REQUIRED		6 (*2)	12

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	142	(116-160) + 1 ADD PER 80	6
FIXTURES REQUIRED PER GENDER			6
TOTAL FIXTURES REQUIRED		6 (*2)	12

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
B	283	283 / 100 = 2.83	3
TOTAL DRINKING FOUNTAINS REQUIRED			3
ACCESSIBLE DRINKING FOUNTAINS		50%	2

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	6	6	6	6	3	1
PROVIDED	6	6	5	5	1	1

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED — TWO-SIDED

DOUBLE DIRECTION

SINGLE DIRECTION

NON-DIRECTIONAL

DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

- SPRINKLER - CEILING - UPRIGHT/PENDENT
- SPRINKLER - CEILING - CONCEALED
- SPRINKLER - SIDEWALL - PENDENT
- SPRINKLER - SIDEWALL - CONCEALED
- SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT
AREA OF ROOM
OCCUPANCY TYPE — 0 SF | X | 0 | 0 | 0"
NO. OF OCCUPANTS
DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION

CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL

2 HR FIRE RATED PARTITION WALL

1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL

MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # — DOOR ASSEMBLY RATING

36"DOOR — WIDTH

- A — FIRE-RATED DOOR ASSEMBLY — 3 HR - SELF CLOSING
- B — FIRE-RATED DOOR ASSEMBLY — 1 1/2 HR - SELF CLOSING
- C — FIRE-RATED DOOR ASSEMBLY — 3/4 HOUR - SELF CLOSING
- D — NON-RATED DOOR ASSEMBLY — 0 HOUR

NOTES:
• SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
• DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
• ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
• PER RONY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

176 DIKEMAN

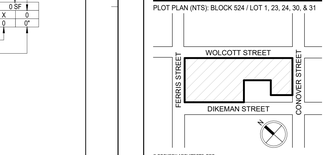
BROOKLYN, NY 11231

BUNGALOW PROJECTS RE 233 BROADWAY, 10TH FLOOR NY, NY 10007 917.816.8171	CLIENT
COOKFOX ARCHITECTS, DPC 250 WEST 57TH STREET, 17TH FLOOR NEW YORK, NY 10107 T: 212.477.0287 F: 212.477.4521	ARCHITECT
AMA GROUP 825 EIGHTH AVENUE, FL18 NEW YORK, NY 10019 P: 212.944.7722	MEP ENGINEER
THORNTON TOMASETTI 120 BROADWAY NEW YORK, NY 10271-0016 T:+1.917.661.7800	STRUCTURAL ENGINEER
LANGAN ENGINEERING 360 WEST 31ST STREET, 8TH FLOOR NEW YORK, NY 10001-2727 T: 212.479.5400	GEOTECHNICAL CONSULTANT
PHILIP HABIB & ASSOCIATES 432 PARK AVENUE SOUTH, NEW YORK, NY 10016 T: 212.929.5656	CIVIL & PARKING CONSULTANT
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RIZZO-BROOKBRIDGE 300 BROADWAY, 5TH FLOOR NEW YORK, NY 10018 T:+212-695-5980	CODE CONSULTANT
ARUP 77 WATER STREET NEW YORK, NY 10005 P: 212.896.3000	ACOUSTICS
THORNTON TOMASETTI 120 BROADWAY NEW YORK, NY 10271-0016 T:+1.917.661.7800	EXTERIOR WALL CONSULTANT
CBA ELEVATOR CONSULTANTS 190 MAIN STREET, SUITE 402 HACKENSACK, NJ 07601 T:+1.201.804.0911	ELEVATOR CONSULTANT
THORNTON TOMASETTI 120 BROADWAY NEW YORK, NY 10271-0016 T:+1.917.661.7800	FLOOD CONSULTANT
TERRAIN-NYC 200 PARK AVENUE SOUTH, SUITE 1401 NEW YORK, NY, 10003	LANDSCAPE ARCHITECT

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:

176 DIKEMAN
BROOKLYN, NY 11231

DRAWING TITLE:

OVERALL FLOOR PLAN 02

SEAL

PROJ NO: 4309

SCALE: 1/16" = 1'-0"

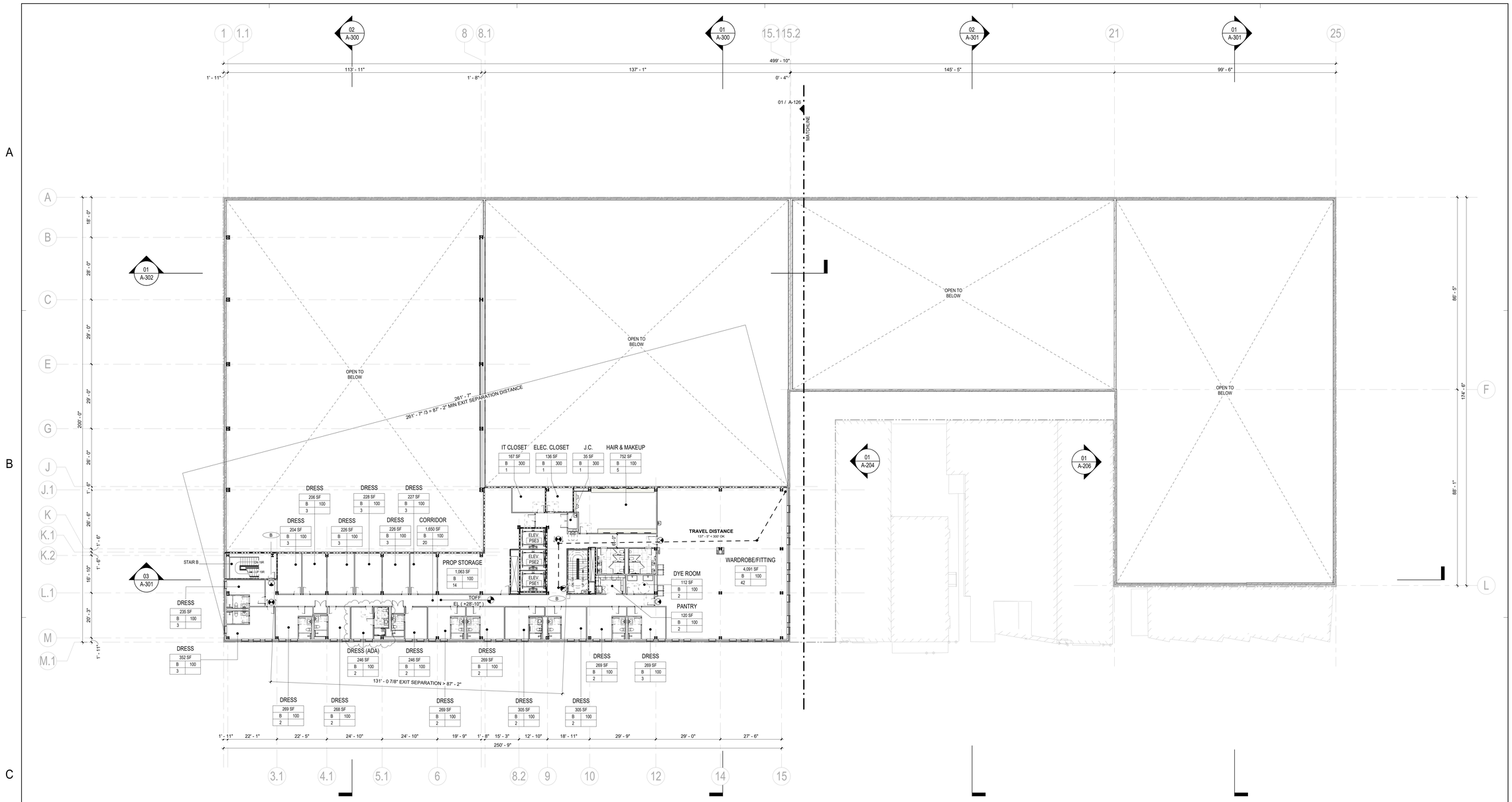
SHEET SIZE: 48"x36"

DWG NO:

A-102

B SCAN STICKER

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01 FLOOR 3

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+XX'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS (+X.XX') ARE FROM NAVD88

FLOOR 03 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
CORRIDOR	1,650 SF	B	100	20	
DRESS	269 SF	B	100	2	
DRESS	305 SF	B	100	2	
DRESS	305 SF	B	100	2	
DRESS	269 SF	B	100	2	
DRESS	269 SF	B	100	2	
DRESS	246 SF	B	100	2	
DRESS	268 SF	B	100	2	
DRESS	269 SF	B	100	2	
DRESS	269 SF	B	100	3	
DRESS	227 SF	B	100	3	
DRESS	228 SF	B	100	3	
DRESS	228 SF	B	100	3	
DRESS	352 SF	B	100	3	
DRESS	235 SF	B	100	3	
DRESS	204 SF	B	100	3	
DRESS	206 SF	B	100	3	
DRESS	226 SF	B	100	3	
DRESS (ADA)	246 SF	B	100	2	
DYE ROOM	112 SF	B	100	2	
ELEC. CLOSET	136 SF	B	300	1	
HAIR & MAKEUP	752 SF	B	100	5	
IT CLOSET	167 SF	B	300	1	
J.C.	35 SF	B	300	1	
PANTRY	120 SF	B	100	2	
PROP STORAGE	1,063 SF	B	100	14	
STAIR B	279 SF		1		
WARDROBE/FITTING	4,091 SF	B	100	42	
Grand total: 28	13,025 SF			133	

EGRESS WIDTH PROVIDED:

STAIR A:	48 INCHES
STAIR B:	48 INCHES
STAIR VESTIBULE DOORS:	36 INCHES
EGRESS CORRIDOR:	60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS	0.3 INCHES PER OCCUPANT
OTHER COMPONENTS	0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
FLOOR 3	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	135

FLOOR 04 PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

TOTAL FLOOR OCCUPANCY	135	PERSONS
	68	PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	68	(46-70)	3
FIXTURES REQUIRED PER GENDER			3
TOTAL FIXTURES REQUIRED		3 (*2)	6

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	68	(51-75)	3
FIXTURES REQUIRED PER GENDER			3
TOTAL FIXTURES REQUIRED		3 (*2)	6

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
B	135	135 / 100 = 1.4	2
TOTAL DRINKING FOUNTAINS REQUIRED			2
ACCESSIBLE DRINKING FOUNTAINS		50%	1

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	3	3	3	3	2	1
PROVIDED	3	3	2	2	2	1

*ONE OF THE DRINKING FOUNTAINS IS PROVIDED IN THE PANTRY

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED

DOUBLE DIRECTION

SINGLE DIRECTION

NON-DIRECTIONAL

DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

SPRINKLER - CEILING - UPRIGHT/PENDENT

SPRINKLER - CEILING - CONCEALED

SPRINKLER - SIDEWALL - PENDENT

SPRINKLER - SIDEWALL - CONCEALED

SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT

AREA OF ROOM

OCCUPANCY TYPE

NO. OF OCCUPANTS

DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION

CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL

2 HR FIRE RATED PARTITION WALL

1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL

MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # / 36"DOOR — DOOR ASSEMBLY RATING / WIDTH

A — FIRE-RATED DOOR ASSEMBLY, 3 HR - SELF CLOSING

B — FIRE-RATED DOOR ASSEMBLY, 1 1/2 HR - SELF CLOSING

C — FIRE-RATED DOOR ASSEMBLY, 3/4 HOUR - SELF CLOSING

D — NON-RATED DOOR ASSEMBLY, 0 HOUR

NOTES:
- SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
- DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
- ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
- PER RCNY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

176 DIKEMAN

BROOKLYN, NY 11231

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NY, NY 10007
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T:+1.917.661.7800

TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:
176 DIKEMAN
BROOKLYN, NY 11231

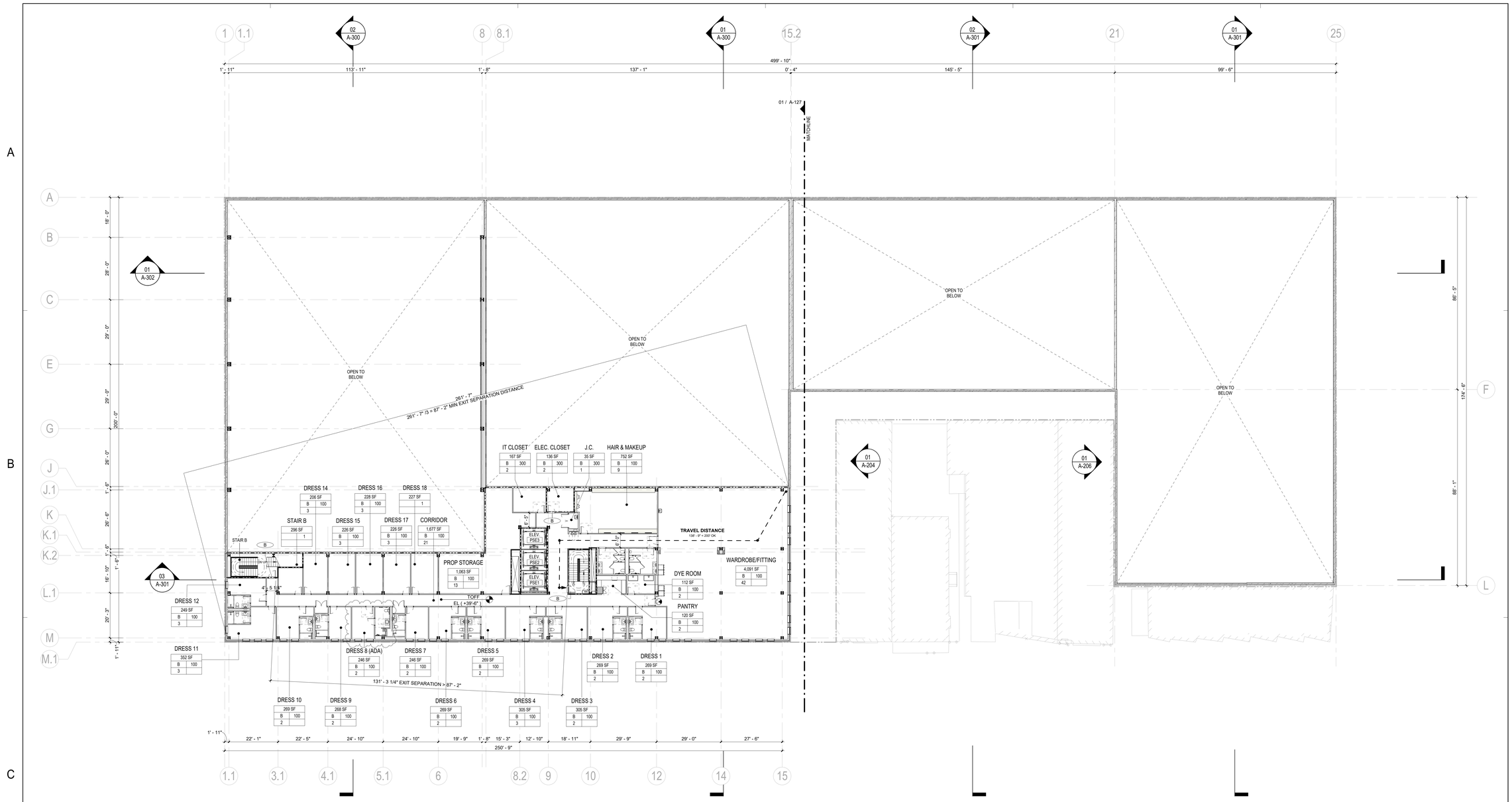
DRAWING TITLE:
OVERALL FLOOR PLAN 03

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO:
A-103

B SCAN STICKER

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01 FLOOR 4

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+XX'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS (+XX.XX') ARE FROM NAVD88

FLOOR 04 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
CORRIDOR	1,677 SF	B	100	21	
DRESS 1	269 SF	B	100	2	
DRESS 2	269 SF	B	100	2	
DRESS 3	305 SF	B	100	2	
DRESS 4	305 SF	B	100	3	
DRESS 5	269 SF	B	100	2	
DRESS 6	269 SF	B	100	2	
DRESS 7	246 SF	B	100	2	
DRESS 8 (ADA)	246 SF	B	100	2	
DRESS 9	268 SF	B	100	2	
DRESS 10	269 SF	B	100	2	
DRESS 11	352 SF	B	100	3	
DRESS 12	249 SF	B	100	3	
DRESS 13	142 SF	B	100	2	
DRESS 14	206 SF	B	100	3	
DRESS 15	226 SF	B	100	3	
DRESS 16	228 SF	B	100	3	
DRESS 17	226 SF	B	100	3	
DRESS 18	227 SF		1		
DYE ROOM	112 SF	B	100	2	
ELEC. CLOSET	136 SF	B	300	2	
HAIR & MAKEUP	752 SF	B	100	9	
IT CLOSET	167 SF	B	300	2	
J.C.	35 SF	B	300	1	
PANTRY	120 SF	B	100	2	
PROP STORAGE	1,063 SF	B	100	13	
STAIR B	296 SF		1		
WARDROBE/FITTING	4,091 SF	B	100	42	
Grand total: 28	13,020 SF			135	

EGRESS WIDTH PROVIDED:

STAIR A: 48 INCHES
STAIR B: 48 INCHES
STAIR VESTIBULE DOORS: 36 INCHES
EGRESS CORRIDOR: 60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS 0.3 INCHES PER OCCUPANT

OTHER COMPONENTS 0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
FLOOR 4	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	134

FLOOR 04 PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

TOTAL FLOOR OCCUPANCY	134	PERSONS
	67	PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	67	(46-70)	3
FIXTURES REQUIRED PER GENDER			3
TOTAL FIXTURES REQUIRED	3 (*2)		6

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	67	(51-75)	3
FIXTURES REQUIRED PER GENDER			3
TOTAL FIXTURES REQUIRED	3 (*2)		6

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
B	134	134 / 100 = 1.3	2
TOTAL DRINKING FOUNTAINS REQUIRED			2
ACCESSIBLE DRINKING FOUNTAINS	50%		1

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	3	3	3	3	2	1
PROVIDED	3	3	2	2	2	1

*ONE OF THE DRINKING FOUNTAINS IS PROVIDED IN THE PANTRY

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED
DOUBLE DIRECTION
SINGLE DIRECTION
NON-DIRECTIONAL
DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

SPRINKLER - CEILING - UPRIGHT/PENDENT
SPRINKLER - CEILING - CONCEALED
SPRINKLER - SIDEWALL - PENDENT
SPRINKLER - SIDEWALL - CONCEALED
SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT
AREA OF ROOM
OCCUPANCY TYPE
NO. OF OCCUPANTS
DOOR WIDTH
0 SF
X 0
0 0

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION
CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL
2 HR FIRE RATED PARTITION WALL
1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL
MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND
TAG: # / 36"DOOR
DOOR ASSEMBLY RATING
WIDTH

A FIRE-RATED DOOR ASSEMBLY — 3 HR - SELF CLOSING
B FIRE-RATED DOOR ASSEMBLY — 1 1/2 HR - SELF CLOSING
C FIRE-RATED DOOR ASSEMBLY — 3/4 HOUR - SELF CLOSING
D NON-RATED DOOR ASSEMBLY — 0 HOUR

NOTES:
• SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
• DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
• ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
• PER RCNY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

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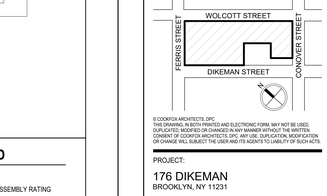
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TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:
176 DIKEMAN
BROOKLYN, NY 11231

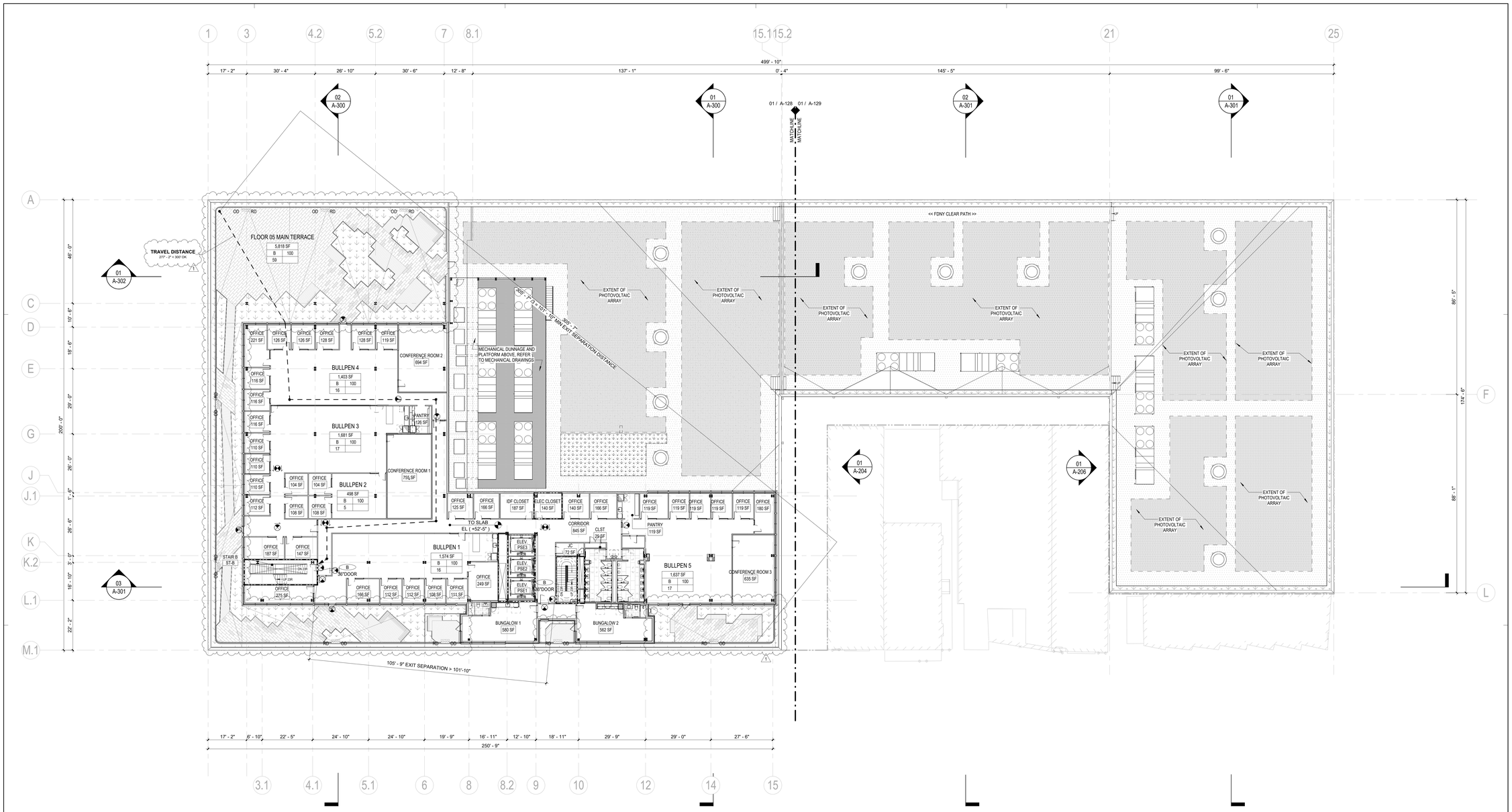
DRAWING TITLE:
OVERALL FLOOR PLAN 04

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO:
A-104

B SCAN STICKER

2/27/2025 5:41:21 PM
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01 OVERALL FLOOR PLAN 05

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS [+X.XX'] ARE FROM NAVD88

COMPLIANCE WITH LOCAL LAW 92/94: SUSTAINABLE ROOFING ZONE:

ROOFTOP AREA AT MAIN ROOF LEVEL IS 100% GREEN ROOF. AFTER FOR AREAS EXCEMPT FROM THE REQUIREMENT HAVE BEEN SUBTRACTED. THOSE USED BY MECHANICAL EQUIPMENT, PARAPETS/GUARDRAILS, OR OUTDOOR RECREATION SPACE (PRINCIPAL TO THE USE OF THE BUILDING). COMPLIES.

NOTES:

1. GREEN ROOF SURFACES TO HAVE A MIN INITIAL SOLAR REFLECTANCE OF 0.7, MIN. THERMAL EMITTANCE OF 0.75 AND A MINIUM SRI OF [78] 82 PER LOCAL LAW 92/94.

2. NON GREEN-ROOF IN RECREATONAL AREAS SURFACES TO HAVE A MINIMUM INITAL SOLAR REFLECTIANCE OF 0.3 PER LL92/94

FLOOR 05 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
BULLPEN 1	1,574 SF	B	100	16	
BULLPEN 2	498 SF	B	100	5	
BULLPEN 3	1,681 SF	B	100	17	
BULLPEN 4	1,403 SF	B	100	16	
BULLPEN 5	1,637 SF	B	100	17	
BUNGALOW 1	580 SF	B	100	6	
BUNGALOW 2	562 SF	B	100	6	
CLST	29 SF	B	300	1	
CONFERENCE ROOM 1	755 SF	B	100	8	
CONFERENCE ROOM 2	694 SF	B	100	7	
CONFERENCE ROOM 3	635 SF	B	100	7	
CORRIDOR	845 SF	B	100	9	
ELEC CLOSET	140 SF	B	100	2	
FLOOR 05 MAIN TERRACE	5,818 SF	B	100	59	NOT INCLUDED IN PARKING CALCULATIONS BECAUSE NOT CONSIDERED ZONING FLOOR AREA
IDF CLOSET	187 SF	B	300	2	
JC	72 SF	B	100	1	
OFFICE	104 SF	B	100	2	
OFFICE	119 SF	B	100	2	
OFFICE	128 SF	B	100	2	
OFFICE	128 SF	B	100	2	
OFFICE	126 SF	B	100	2	
OFFICE	126 SF	B	100	2	
OFFICE	116 SF	B	100	2	
OFFICE	116 SF	B	100	2	
OFFICE	110 SF	B	101	2	
OFFICE	110 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	108 SF	B	100	2	
OFFICE	104 SF	B	100	2	
OFFICE	128 SF	B	100	2	
OFFICE	166 SF	B	300	2	
OFFICE	140 SF	B	100	2	

FLOOR 05 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
OFFICE	166 SF	B	100	2	
OFFICE	119 SF	B	100	2	
OFFICE	119 SF	B	100	2	
OFFICE	119 SF	B	100	2	
OFFICE	119 SF	B	100	2	
OFFICE	180 SF	B	100	2	
OFFICE	147 SF	B	100	2	
OFFICE	111 SF	B	100	2	
OFFICE	108 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	166 SF	B	100	2	
OFFICE	125 SF	B	100	2	
OFFICE	221 SF	B	100	3	
OFFICE	275 SF	B	100	3	
OFFICE	187 SF	B	100	3	
OFFICE	249 SF	B	100	3	
PANTRY	126 SF	B	100		
PANTRY	119 SF	B	100	2	
Grand total: 54	22,256 SF			257	

EGRESS WIDTH PROVIDED:

STAIR A:	48 INCHES
STAIR B:	48 INCHES
STAIR VESTIBULE DOORS:	36 INCHES
EGRESS CORRIDOR:	60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS	0.3 INCHES PER OCCUPANT
OTHER COMPONENTS	0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
FLOOR 2	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	261

FLOOR 05 PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

TOTAL FLOOR OCCUPANCY	198	PERSONS
	99	PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	131	(101-140)	5
FIXTURES REQUIRED PER GENDER			5
TOTAL FIXTURES REQUIRED		5 (*2)	10

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	131	(116-160)	5
FIXTURES REQUIRED PER GENDER			5
TOTAL FIXTURES REQUIRED		4 (*2)	10

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
B	283	283 / 100 = 2.8	3
TOTAL DRINKING FOUNTAINS REQUIRED			3
ACCESSIBLE DRINKING FOUNTAINS		50%	2

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	5	5	4	4	3	1
PROVIDED	5	5	4	4	3	1

*TWO OF THE DRINKING FOUNTAINS ARE PROVIDED IN THE PANTRIES

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED

DOUBLE DIRECTION

SINGLE DIRECTION

NON-DIRECTIONAL

DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

- SPRINKLER - CEILING - UPRIGHT/PENDENT
- SPRINKLER - CEILING - CONCEALED
- SPRINKLER - SIDEWALL - PENDENT
- SPRINKLER - SIDEWALL - CONCEALED
- SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT
AREA OF ROOM
OCCUPANCY TYPE
NO. OF OCCUPANTS
DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION

CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL

2 HR FIRE RATED PARTITION WALL

1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL

MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # 36"DOOR — DOOR ASSEMBLY RATING / WIDTH

- A — FIRE-RATED DOOR ASSEMBLY 3 HR - SELF CLOSING
- B — FIRE-RATED DOOR ASSEMBLY 1 1/2 HR - SELF CLOSING
- C — FIRE-RATED DOOR ASSEMBLY 3/4 HOUR - SELF CLOSING
- D — NON-RATED DOOR ASSEMBLY 0 HOUR

NOTES:
• SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
• DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
• ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
• PER RONY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

176 DIKEMAN

BROOKLYN, NY 11231

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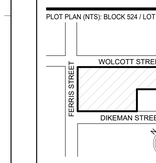
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TERRAIN-NYC — LANDSCAPE ARCHITECT
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NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:

176 DIKEMAN
BROOKLYN, NY 11231

DRAWING TITLE:

OVERALL FLOOR PLAN 05

SEAL

PROJ NO: 4309

SCALE: 1/16" = 1'-0"

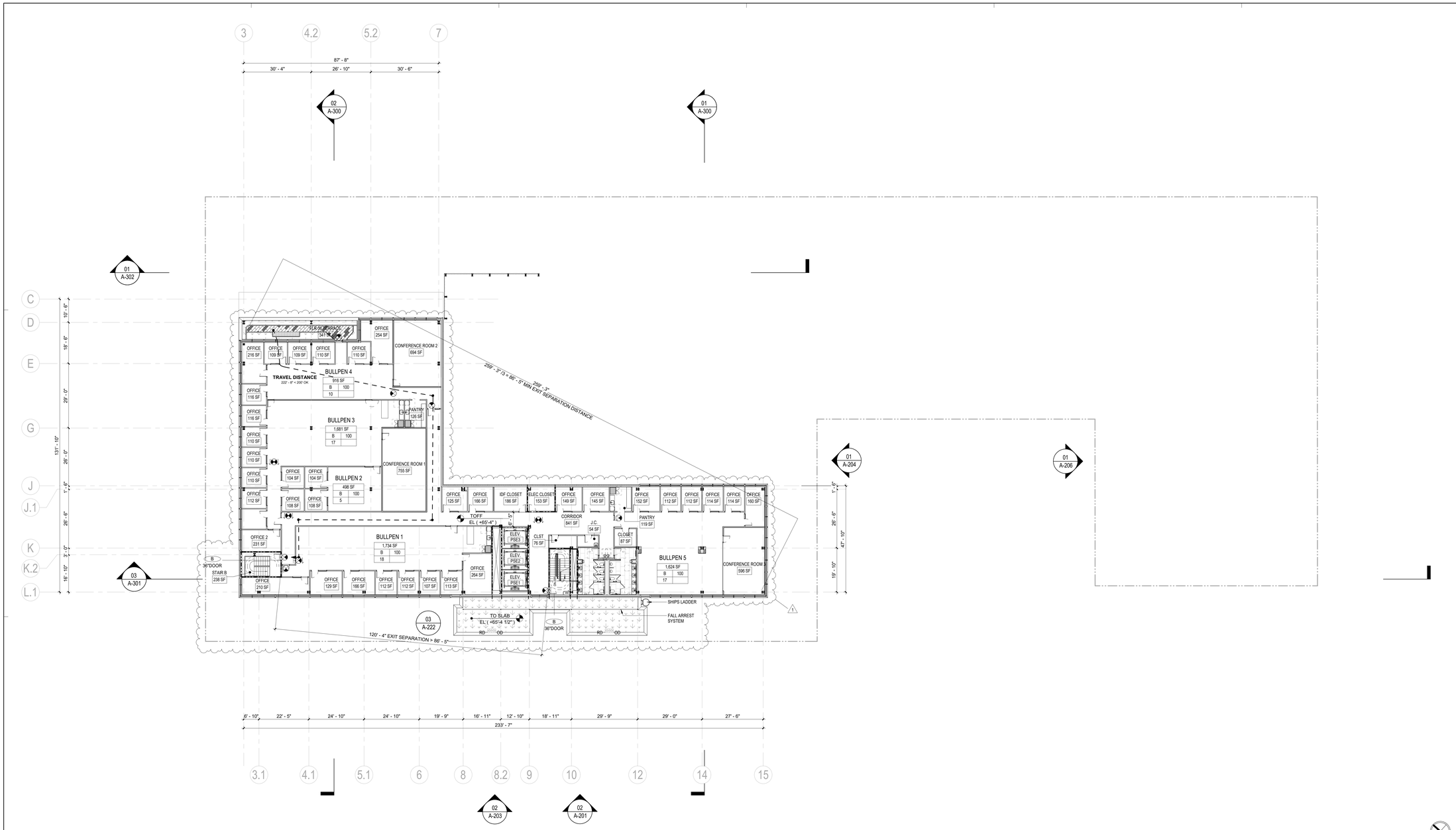
SHEET SIZE: 48"x36"

DWG NO:

A-105

B SCAN STICKER

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01 OVERALL FLOOR PLAN 06

1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS (+X.XX) ARE FROM NAVD88

FLOOR 06 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
BULLPEN 1	1,734 SF	B	100	18	
BULLPEN 2	498 SF	B	100	5	
BULLPEN 3	1,681 SF	B	100	17	
BULLPEN 4	916 SF	B	100	10	
BULLPEN 5	1,624 SF	B	100	17	
CLOSET	87 SF		1		
CLST	76 SF	B	100	1	
CONFERENCE ROOM 1	755 SF	B	100	8	
CONFERENCE ROOM 2	694 SF	B	100	7	
CONFERENCE ROOM 3	596 SF	B	100	7	
CORRIDOR	841 SF	B	100	9	
ELEC CLOSET	153 SF	B	100	2	
FLR 06 TERRACE	341 SF	B	100	2	
IDF CLOSET	186 SF	B	300	2	
J.C.	54 SF	B	300	1	
OFFICE	254 SF		1		
OFFICE	104 SF	B	100	2	
OFFICE	110 SF	B	100	2	
OFFICE	110 SF	B	100	2	
OFFICE	109 SF	B	100	2	
OFFICE	216 SF	B	100	2	
OFFICE	116 SF	B	100	2	
OFFICE	110 SF	B	100	2	
OFFICE	110 SF	B	101	2	
OFFICE	110 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	108 SF	B	100	2	
OFFICE	104 SF	B	100	2	
OFFICE	108 SF	B	100	2	
OFFICE	166 SF	B	300	2	
OFFICE	149 SF	B	100	2	
OFFICE	145 SF	B	100	2	
OFFICE	152 SF	B	100	2	
OFFICE	112 SF	B	100	2	

FLOOR 06 AREAS AND OCCUPANCY CALC

Name	Gross Area	Occupancy Type	Occupancy Load Factor	Occupant Load	Comments
OFFICE	112 SF	B	100	2	
OFFICE	114 SF	B	100	2	
OFFICE	114 SF	B	100	2	
OFFICE	160 SF	B	100	2	
OFFICE	113 SF	B	100	2	
OFFICE	107 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	112 SF	B	100	2	
OFFICE	166 SF	B	100	2	
OFFICE	125 SF	B	100	2	
OFFICE	129 SF	B	100	2	
OFFICE	109 SF	B	100	3	
OFFICE	210 SF	B	100	3	
OFFICE	264 SF	B	100	3	
OFFICE 2	231 SF	B	100	3	
PANTRY	126 SF	B	100		
PANTRY	119 SF	B	100	2	
STAIR B	238 SF		1		
Grand total: 53	15,518 SF			180	

EGRESS WIDTH PROVIDED:

STAIR A:	48 INCHES
STAIR B:	48 INCHES
STAIR VESTIBULE DOORS:	36 INCHES
EGRESS CORRIDOR:	60 INCHES MINIMUM

EGRESS WIDTH REQUIREMENT (PER BC 1005.1):

STAIRWAYS	0.3 INCHES PER OCCUPANT
OTHER COMPONENTS	0.2 INCHES PER OCCUPANT

AREAS	STAIRWAY WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	OTHER COMPONENT WIDTH PROVIDED	ALLOWABLE OCCUPANCY (PERSONS)	PROPOSED OCCUPANCY (PERSONS)
FLOOR 6	96 INCHES	96" / 0.3" = 320	72 INCHES	72" / 0.2" = 360	190

FLOOR 06 PLUMBING FIXTURE CALCULATIONS

NYCPC SECTION 403.1

TOTAL FLOOR OCCUPANCY	190	PERSONS
	95	PER GENDER

REQUIRED WATER CLOSETS

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	95	(71-100)	4
FIXTURES REQUIRED PER GENDER			4
TOTAL FIXTURES REQUIRED		4 (*2)	8

REQUIRED LAVATORIES

OCCUPANCY TYPE	OCCUPANCY	RANGE	FIXTURES
B	95	(76-115)	4
FIXTURES REQUIRED PER GENDER			4
TOTAL FIXTURES REQUIRED		4 (*2)	8

REQUIRED DRINKING FOUNTAINS

OCCUPANCY TYPE	TOTAL OCCUPANCY	CALCULATION	FIXTURES
B	190	190 / 100 = 1.9	2
TOTAL DRINKING FOUNTAINS REQUIRED			2
ACCESSIBLE DRINKING FOUNTAINS		50%	1

REQUIRED SERVICE SINKS

1 REQUIRED

FIXTURE SUMMARY

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
REQUIRED	4	4	4	4	2	1
PROVIDED	4	4	3	3	2	1

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED

DOUBLE DIRECTION

SINGLE DIRECTION

NON-DIRECTIONAL

DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

- SPRINKLER - CEILING - UPRIGHT/PENDENT
- SPRINKLER - CEILING - CONCEALED
- SPRINKLER - SIDEWALL - PENDENT
- SPRINKLER - SIDEWALL - CONCEALED
- SPRINKLER - "E" - EXTENDED THROW

OCCUPANCY LEGEND

OCCUPANCY LEGEND

AREA PER OCCUPANT
AREA OF ROOM
OCCUPANCY TYPE
NO. OF OCCUPANTS
DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

GYPSUM PARTITION

CMU PARTITION

WALL FIRE RATING

3 HR FIRE RATED PARTITION WALL

2 HR FIRE RATED PARTITION WALL

1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

COMMON PATH OF TRAVEL

MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # 36"DOOR — DOOR ASSEMBLY RATING / WIDTH

- A — FIRE-RATED DOOR ASSEMBLY — 3 HR - SELF CLOSING
- B — FIRE-RATED DOOR ASSEMBLY — 1 1/2 HR - SELF CLOSING
- C — FIRE-RATED DOOR ASSEMBLY — 3/4 HOUR - SELF CLOSING
- D — NON-RATED DOOR ASSEMBLY — 0 HOUR

NOTES:
- SEE PLAN FOR SINGLE OR DOUBLE LEAF

DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
- DOORS IN 2 HR FIRE RATED PARTITIONS TO BE TYPE B
- ALL DOORS IN NON-RATED PARTITIONS TO BE TYPE D
- PER RONY 24-01E, REFUSE CHUTE DOORS TO BE TYPE B

COOKFOX

176 DIKEMAN

BROOKLYN, NY 11231

BUNGALOW PROJECTS RE — CLIENT
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917.816.8171

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P: 212.896.3000

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CBA ELEVATOR CONSULTANTS — ELEVATOR CONSULTANT
190 MAIN STREET, SUITE 402
HACKENSACK, NJ 07601
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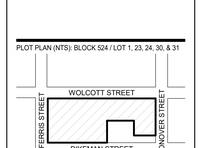
THORNTON TOMASETTI — FLOOD CONSULTANT
120 BROADWAY
NEW YORK, NY 10271-0016
T:+1.917.661.7800

TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:
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BROOKLYN, NY 11231

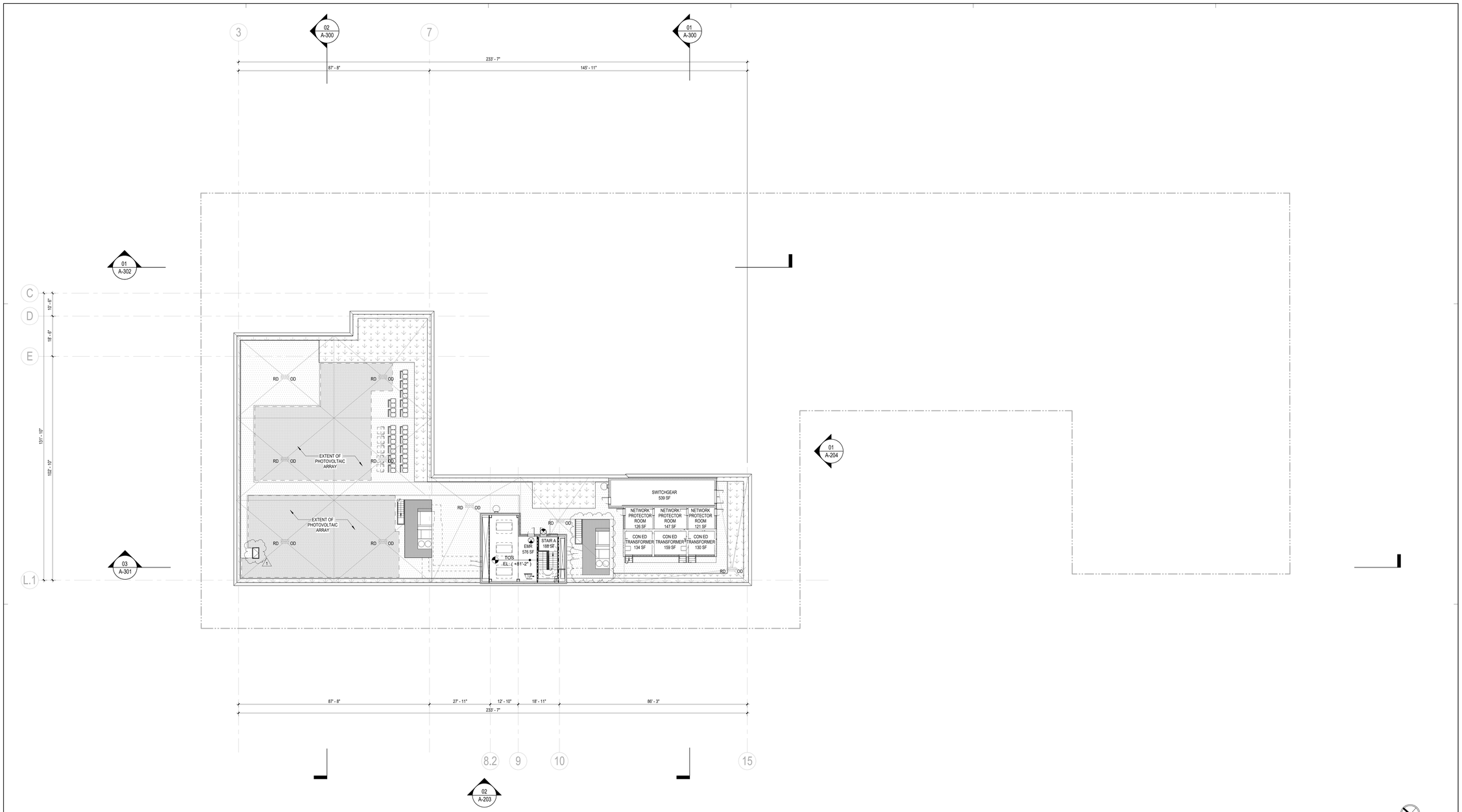
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OVERALL FLOOR PLAN 06

SEAL

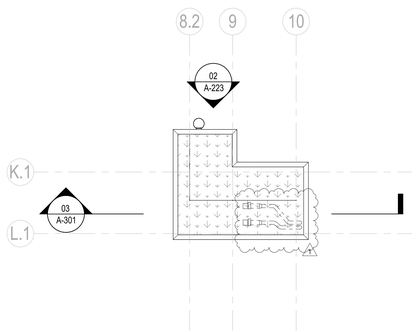
PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO: A-106

B SCAN STICKER

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01 OVERALL ROOF PLAN
1/16" = 1'-0"



02 BULKHEAD ROOF PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ELEVATIONS (+X'-XX") ARE FROM PROJECT 0'-0"
2. ELEVATIONS [+X.XX] ARE FROM NAVD88

EXIT SIGN & SPRINKLER SYMBOLS

EXIT SIGN SYMBOL LEGEND

ONE-SIDED / TWO-SIDED

- DOUBLE DIRECTION
- SINGLE DIRECTION
- NON-DIRECTIONAL
- DENOTES WALL MOUNTED

SPRINKLER SYMBOL LEGEND

- SPRINKLER - CEILING - UPRIGHT/PENDENT
- SPRINKLER - CEILING - CONCEALED
- SPRINKLER - SIDEWALL - PENDENT
- SPRINKLER - SIDEWALL - CONCEALED
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OCCUPANCY LEGEND

OCCUPANCY LEGEND

- AREA PER OCCUPANT
- AREA OF ROOM
- OCCUPANCY TYPE
- NO. OF OCCUPANTS
- DOOR WIDTH

WALL TYPE, FIRE, TRAVEL DISTANCE

PARTITION LEGEND

- GYPSUM PARTITION
- CMU PARTITION

WALL FIRE RATING

- 3 HR FIRE RATED PARTITION WALL
- 2 HR FIRE RATED PARTITION WALL
- 1 HR FIRE RATED PARTITION WALL

TRAVEL DISTANCES

- COMMON PATH OF TRAVEL
- MAX TRAVEL DISTANCE

DOOR FIRE RATING LEGEND

DOOR RATING LEGEND

TAG: # — DOOR ASSEMBLY RATING; 36"DOOR — WIDTH

- A — FIRE-RATED DOOR ASSEMBLY, 3 HR - SELF CLOSING
- B — FIRE-RATED DOOR ASSEMBLY, 1 1/2 HR - SELF CLOSING
- C — FIRE-RATED DOOR ASSEMBLY, 3/4 HOUR - SELF CLOSING
- D — NON-RATED DOOR ASSEMBLY, 0 HOUR

NOTES:
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DOORS WITHOUT LABELS SHALL BE UNRATED EXCEPT:
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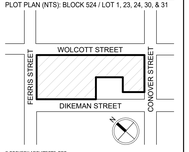
176 DIKEMAN
BROOKLYN, NY 11231

BUNGALOW PROJECTS RE 233 BROADWAY, 10TH FLOOR NY, NY 10007 917.816.8171	CLIENT
COOKFOX ARCHITECTS, DPC 250 WEST 57TH STREET, 17TH FLOOR NEW YORK, NY 10107 T. 212.477.0287 F: 212.477.4521	ARCHITECT
AMA GROUP 825 EIGHTH AVENUE, FL18 NEW YORK, NY 10019 P: 212.944.7722	MEP ENGINEER
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TERRAIN-NYC 200 PARK AVENUE SOUTH, SUITE 1401 NEW YORK, NY, 10003	LANDSCAPE ARCHITECT

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01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:
176 DIKEMAN
BROOKLYN, NY 11231

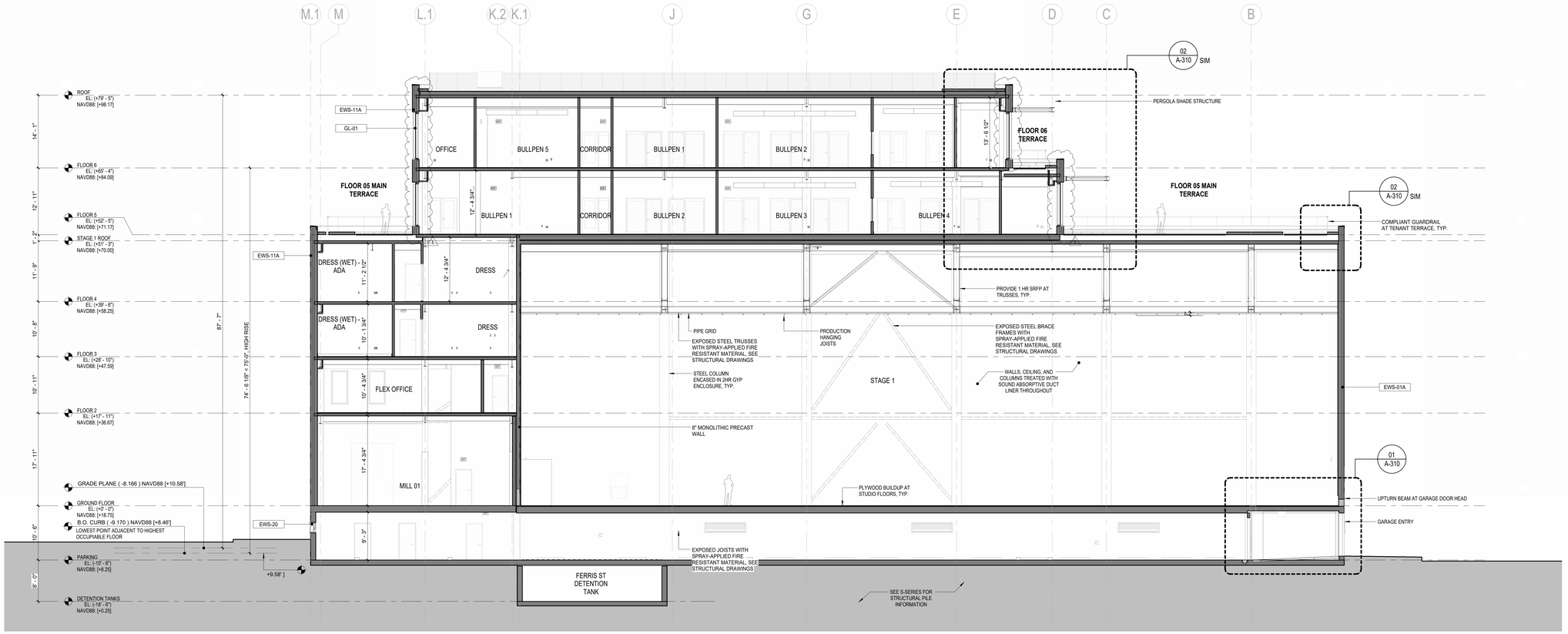
DRAWING TITLE:
OVERALL ROOF PLAN

SEAL

PROJ NO: 4309
SCALE: 1/16" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO:
A-107

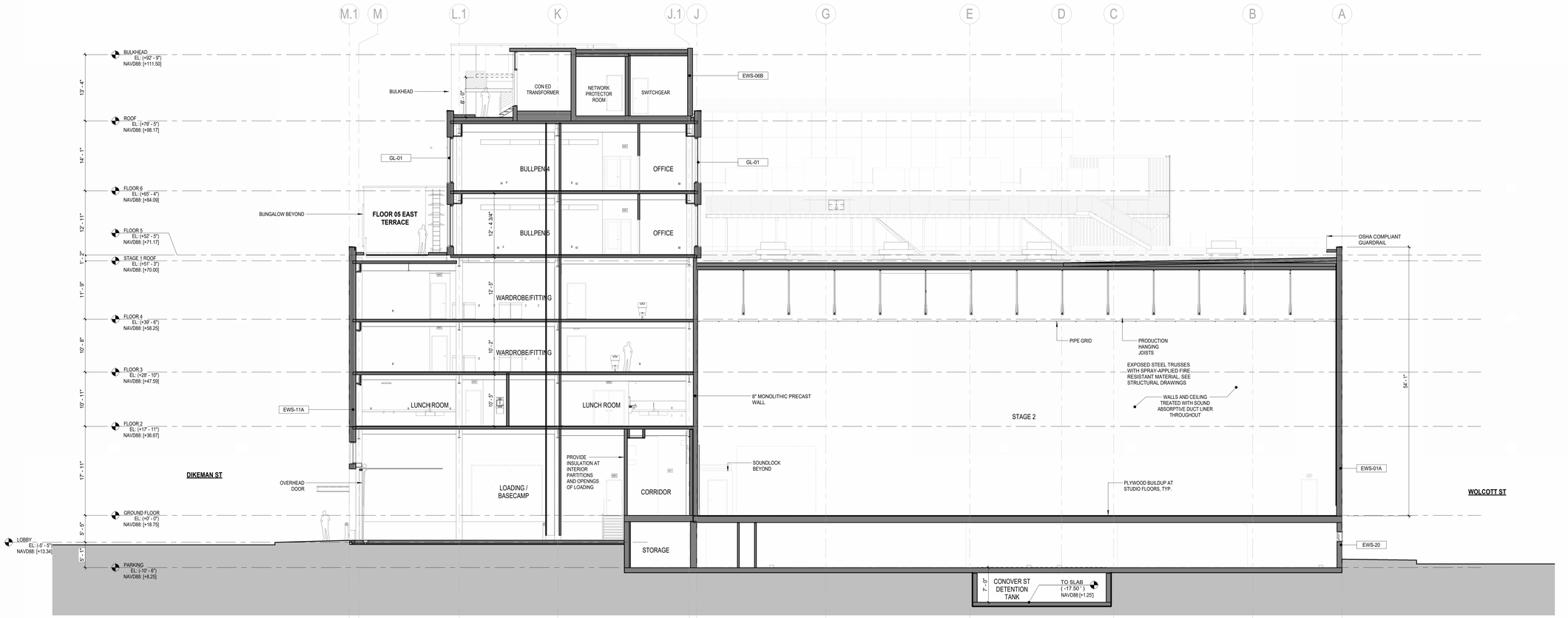
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02 OVERALL BLDG SECTION - STAGE 1/ PARKING ENTRY

1/8" = 1'-0"



01 OVERALL BLDG SECTION - STAGE 2 & BASECAMP

1/8" = 1'-0"

COOKFOX

176 DIKEMAN

BROOKLYN, NY 11231

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NY, NY 10007
917.816.8171

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NEW YORK, NY 10271-0016
T:+1.917.661.7800

TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1

PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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BROOKLYN, NY 11231

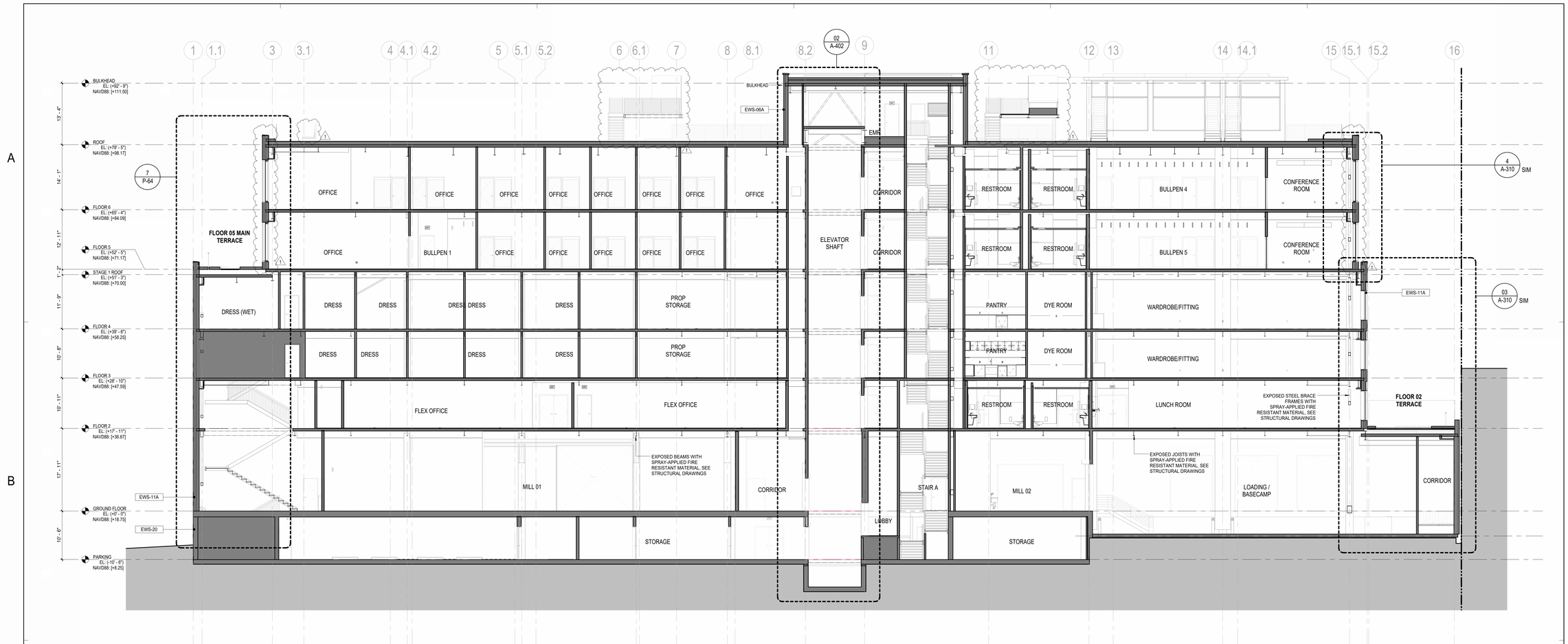
DRAWING TITLE:
BUILDING SECTIONS

SEAL

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SHEET SIZE: 48"x36"
DWG NO:
A-300

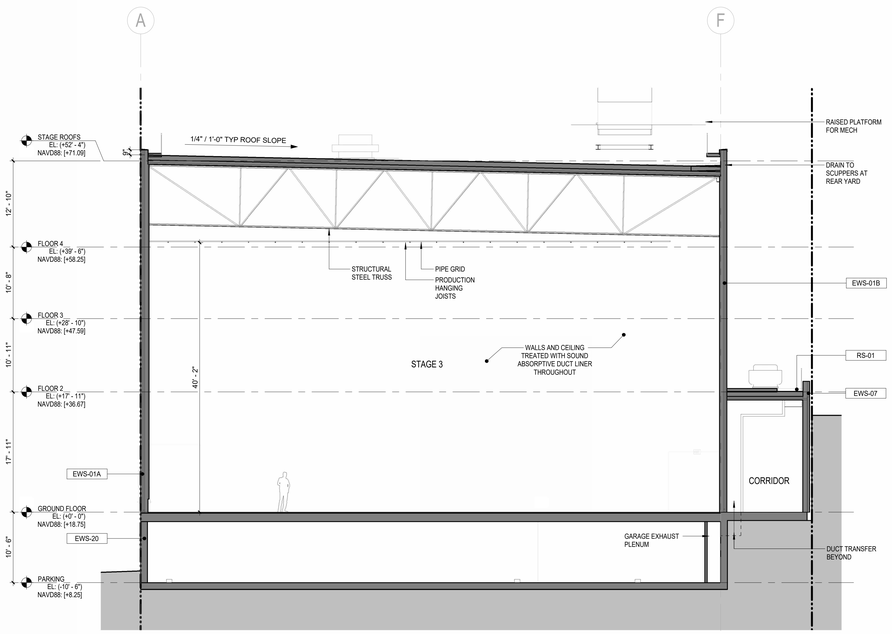
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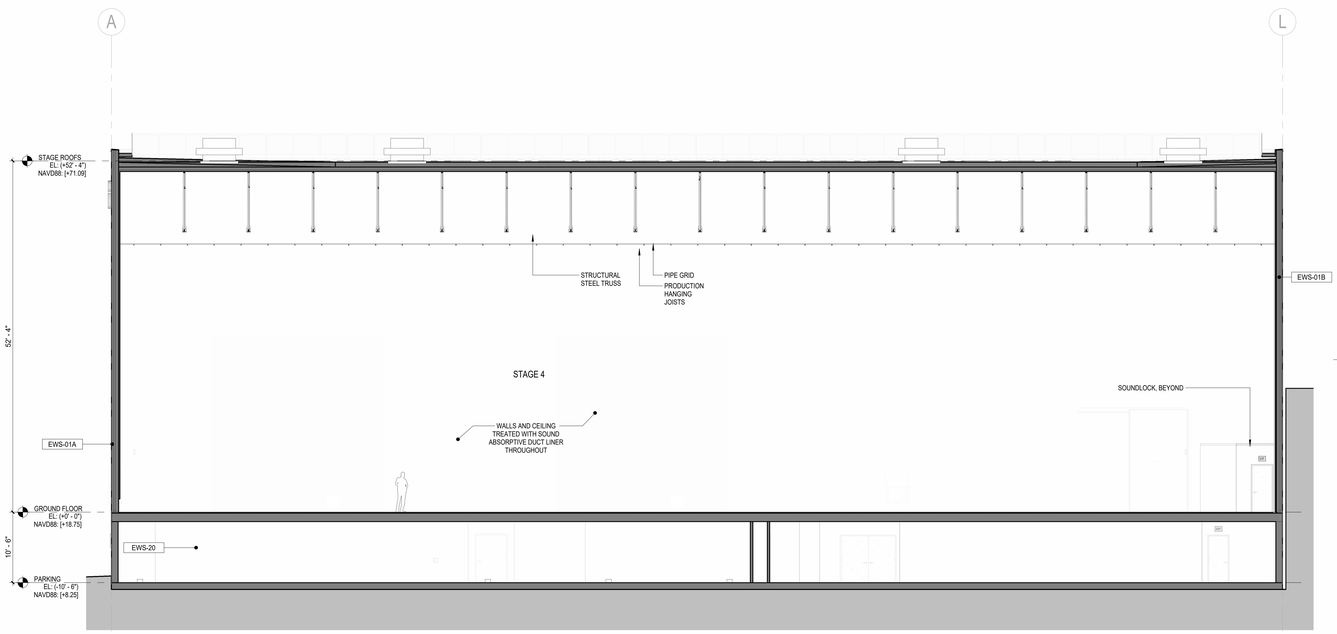
03 LONGITUDINAL SECTION AT SUPPORT PROGRAM / MILL / LOADING

1/8" = 1'-0"



02 SECTION AT STAGE 3 & REAR YARD

1/8" = 1'-0"



01 SECTION AT STAGE 4

1/8" = 1'-0"

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176 DIKEMAN

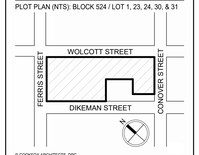
BROOKLYN, NY 11231

BUNGALOW PROJECTS RE 233 BROADWAY, 10TH FLOOR NY, NY 10007 917.816.8171	CLIENT
COOKFOX ARCHITECTS, DPC 250 WEST 57TH STREET, 17TH FLOOR NEW YORK, NY 10107 T: 212.477.0287 F: 212.477.4521	ARCHITECT
AMA GROUP 825 EIGHTH AVENUE, FL18 NEW YORK, NY 10019 P: 212.944.7722	MEP ENGINEER
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RIZZO-BROOKBRIDGE 300 BROADWAY, 5TH FLOOR NEW YORK, NY 10018 T:+212-695-5980	CODE CONSULTANT
ARUP 77 WATER STREET NEW YORK, NY 10005 P: 212.896.3000	ACOUSTICS
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CBA ELEVATOR CONSULTANTS 190 MAIN STREET, SUITE 402 HACKENSACK, NJ 07601 T:+1.201.804.0911	ELEVATOR CONSULTANT
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TERRAIN-NYC 200 PARK AVENUE SOUTH, SUITE 1401 NEW YORK, NY, 10003	LANDSCAPE ARCHITECT

ISSUES:

NO:	DATE:	DESCRIPTION:
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04	2024.09.27	BID ISSUANCE
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:

176 DIKEMAN
BROOKLYN, NY 11231

DRAWING TITLE:

BUILDING SECTIONS

SEAL

PROJ NO: 4309

SCALE: 1/8" = 1'-0"

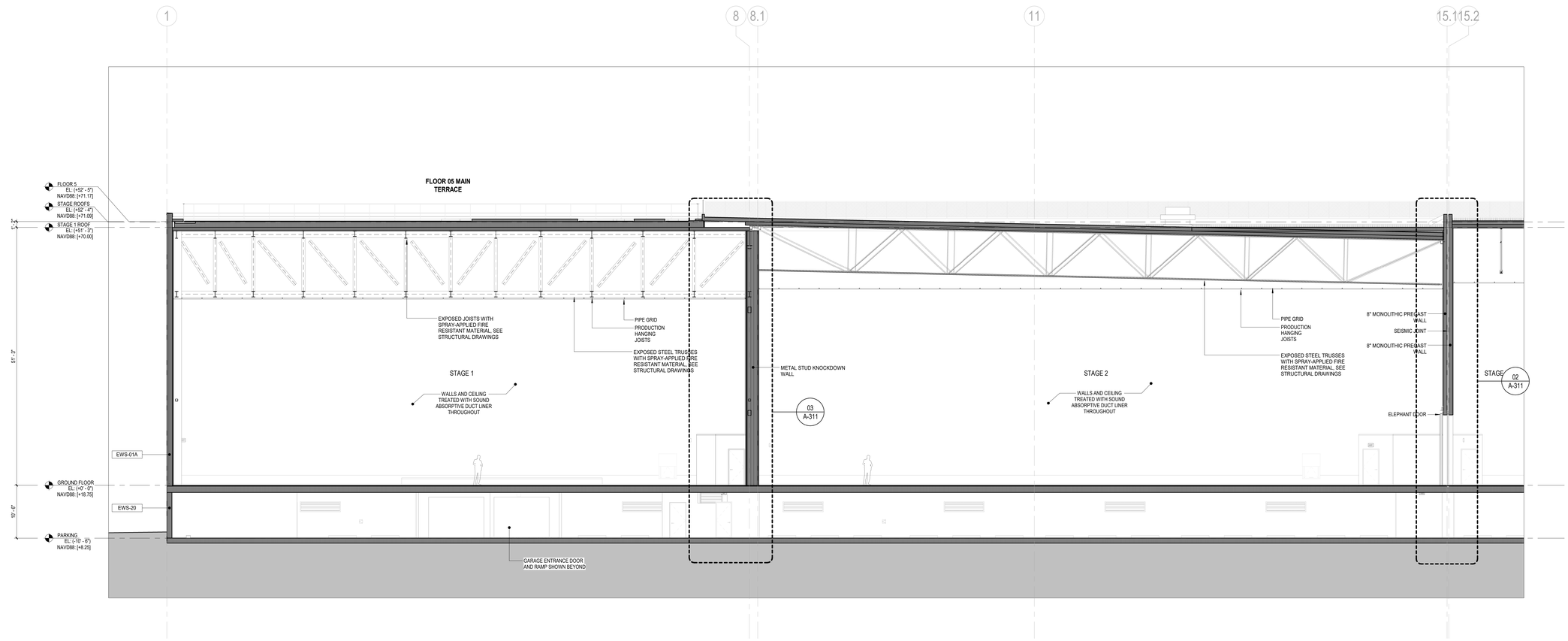
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DWG NO:

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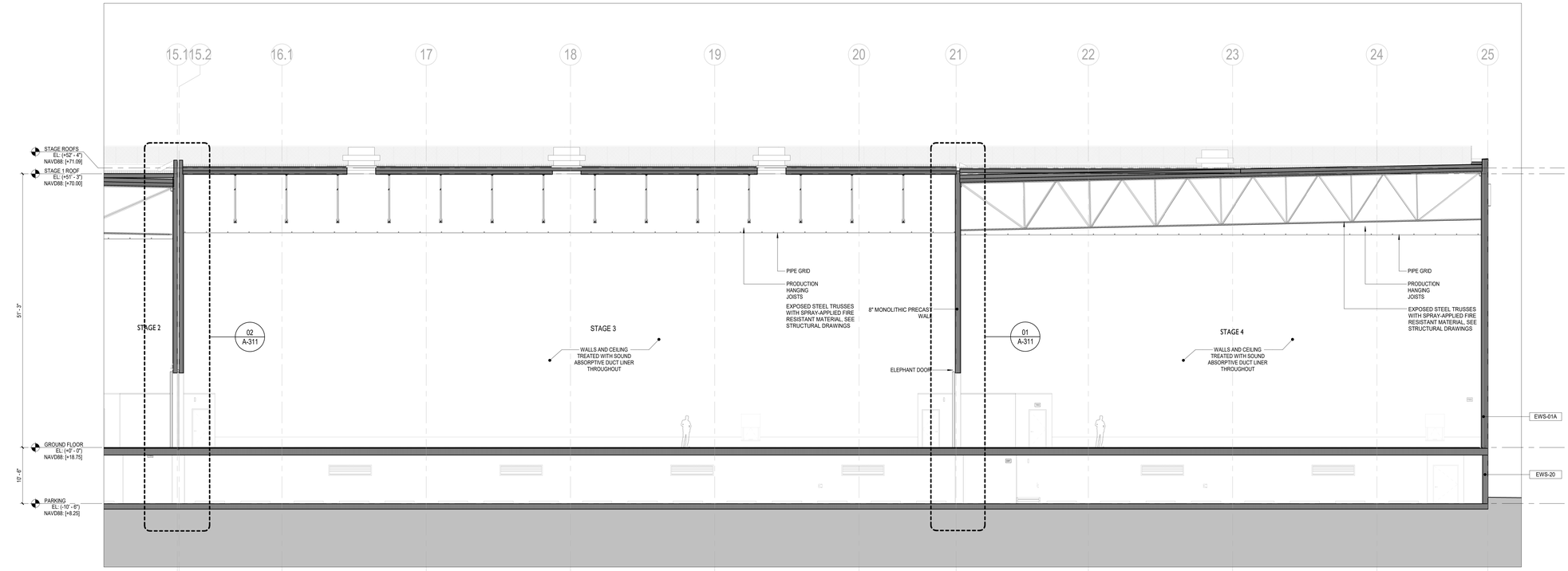
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02 CROSS-SECTION AT STAGE 1 & 2

1/8" = 1'-0"



01 CROSS-SECTION AT STAGE 3 & 4

1/8" = 1'-0"

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176 DIKEMAN

BROOKLYN, NY 11231

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917.816.8171

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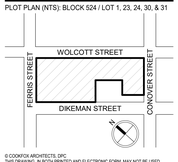
THORNTON TOMASETTI — FLOOD CONSULTANT
120 BROADWAY
NEW YORK, NY 10271-0016
T: +1.917.661.7800

TERRAIN-NYC — LANDSCAPE ARCHITECT
200 PARK AVENUE SOUTH, SUITE 1401
NEW YORK, NY, 10003

ISSUES:

NO:	DATE:	DESCRIPTION:
01	2024.01.26	100% SCHEMATIC DESIGN
02	2024.05.31	100% DESIGN DEVELOPMENT
03	2024.08.23	BID PRICING ISSUANCE
04	2024.09.27	BID ISSUANCE
05	2024.11.22	100% CONSTRUCTION DOCUMENTS
06	2025.02.07	ADDENDUM #1
07		
08		
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PLOT PLAN (NTS): BLOCK 524 / LOT 1, 23, 24, 30, & 31



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PROJECT:

176 DIKEMAN
BROOKLYN, NY 11231

DRAWING TITLE:

BUILDING SECTIONS

SEAL

PROJ NO: 4309
SCALE: 1/8" = 1'-0"
SHEET SIZE: 48"x36"
DWG NO:
A-302

B SCAN STICKER

APPENDIX B

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Industrial/Commercial Property
198-200 Conover Street
Brooklyn, NY 11231

NOVA PROJECT NUMBER:
25-5004

DATED:
January 7, 2025

PREPARED FOR:

LANGAN

1 North Broadway, Suite 910
White Plains, NY 10601
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

January 7, 2025

Laura Grose
Senior Staff Scientist
LANGAN
1 North Broadway, Suite 910
White Plains, NY 10601
D: 914.323.7432 M: 914.274.7683

Re: Geophysical Engineering Survey (GES) Report
198-200 Conover Street
Brooklyn, NY 11231

Dear Ms. Grose,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 198-200 Conover Street, 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 January 6th, 2025.

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

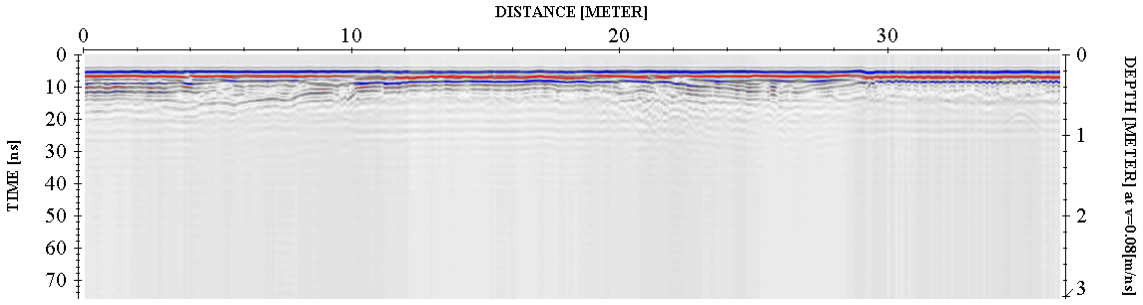
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

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.

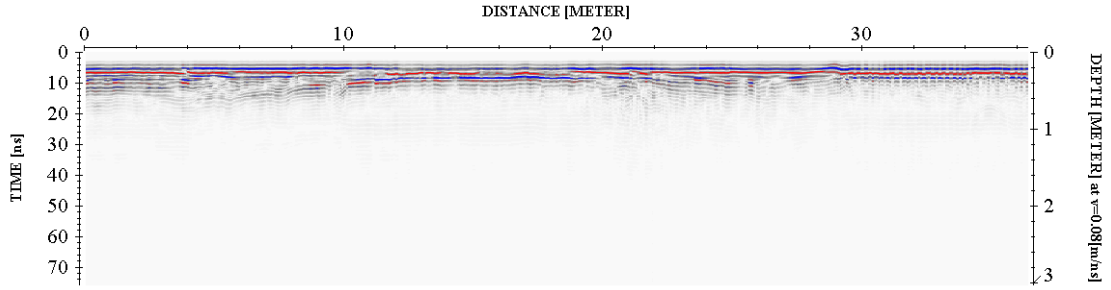
DATA PROCESSING

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.

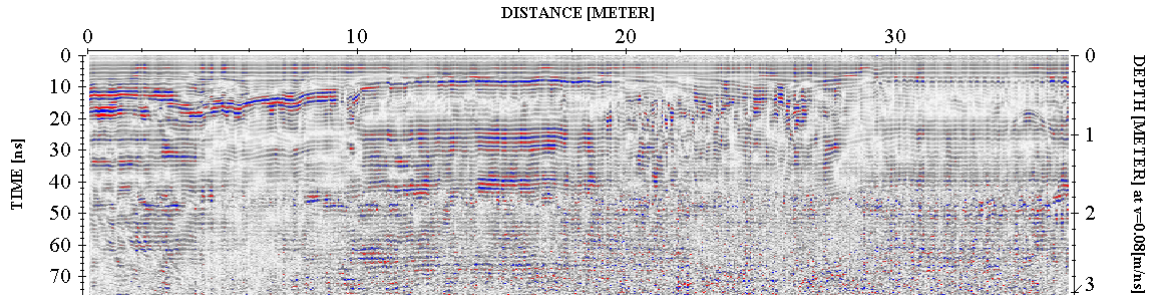
Step 1. Import Raw RAMAC data to standard processing format



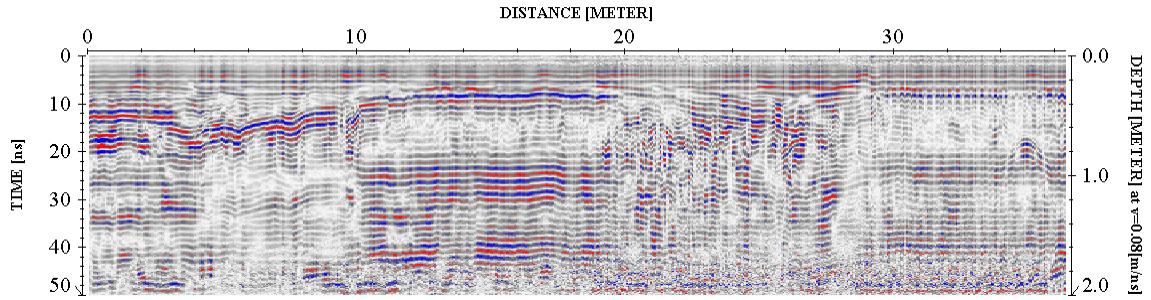
Step 2. Remove instrument noise *(dewow)*



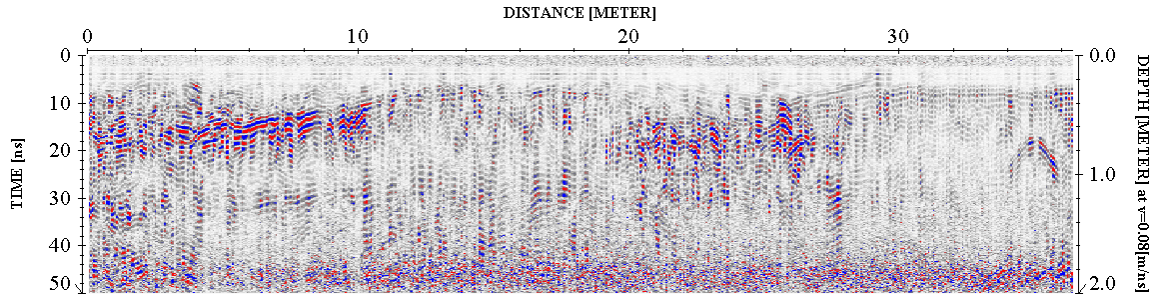
Step 3. Correct for attenuation losses *(energy decay function)*



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: Snow

Temperature: 30° F

Surface: Asphalt/ Soil/ Concrete

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 active drilling occurring during the survey.

RESULTS

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

- Anomalies resembling potential subsurface utilities (such as water, electric (overhead), drain, sewer, communication) were identified within the survey area. The approximate locations are shown in the survey plan and were marked out on-site.

- The GES identified and confirmed all utilities enter the sidewalk from Conover St. Electric and communication lines are overhead.

- The GES identified a linear anomaly on the sidewalk. This is most likely an unknown utility or pipe.

- NOVA cleared and marked all proposed boring locations and provided safety boxes surrounding each location.

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

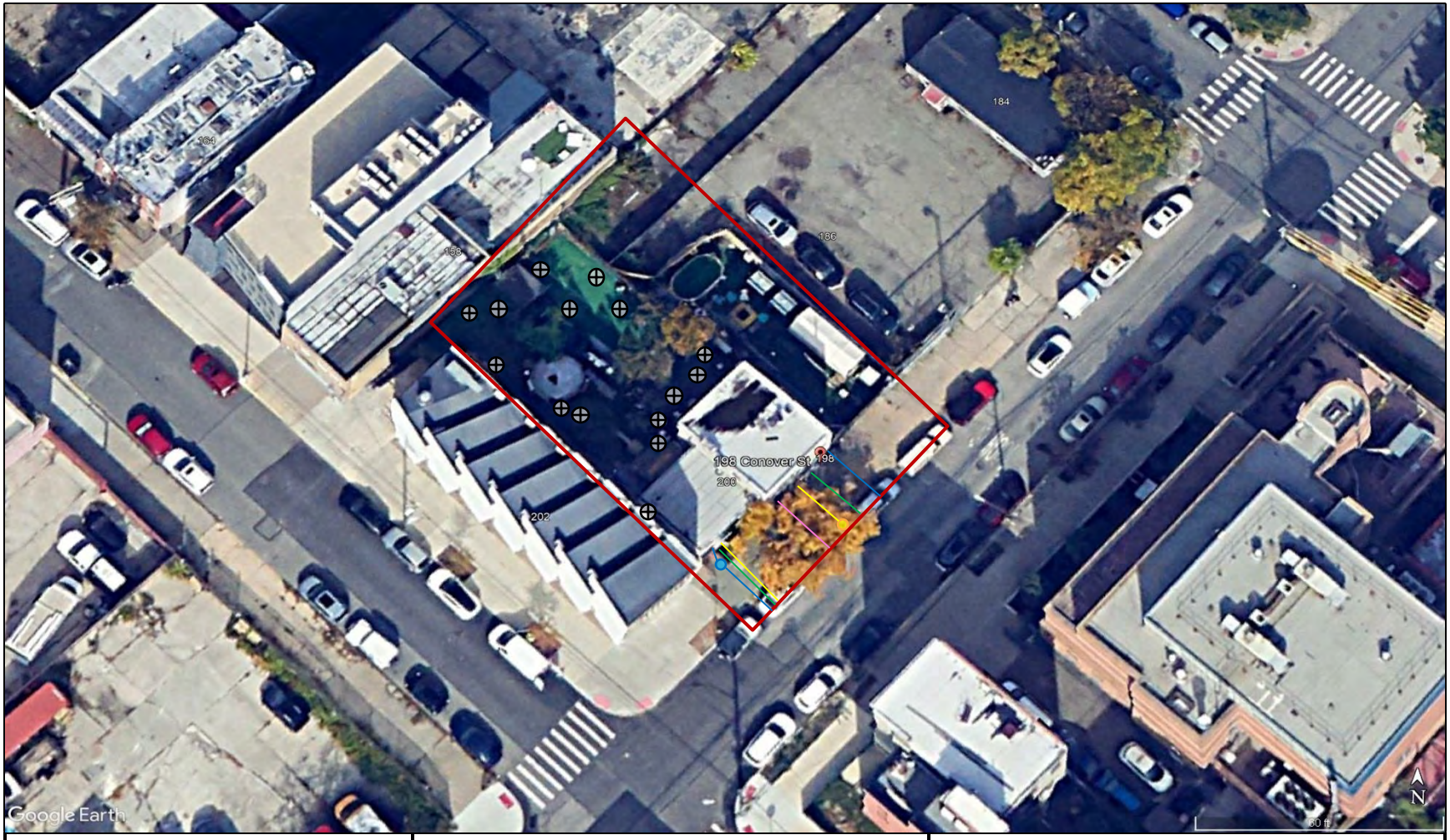


NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Site Location

SITE:	**Industrial Property** 198-200 Conover St, Brooklyn, NY 11231
CLIENT:	LANGAN
DATE:	January 6th, 2025
AUTH:	Jason Staunton

Legend



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

SURVEY PLAN

SITE:	**Industrial Property** 198-200 Conover St, Brooklyn, NY 11231
CLIENT:	LANGAN
DATE:	January 6th, 2025
AUTH:	Jason Staunton

Legend

- Survey Area
- Sewage
- Gas
- Water
- Linear anomaly
- Water cap
- Gas cap
- Proposed Boring Location

GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025









GEOPHYSICAL IMAGES

Industrial Property
198-200 Conover Street
Brooklyn, NY 11231
January 6th, 2025





APPENDIX C

SOIL BORING LOGS

LANGAN

Log of Boring **SB16/MW-016** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/9/2025 — Date Finished: 1/9/2025
Drilling Equipment: Geoprobe 7720DT	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.0 — Completion ▼ 8.6 — 24 HR. ▼ 6.3
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Robert Galenko
Sampler: 60-inch Macrocore	Field Engineer: Loagan Clements
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 brown to brown fine SAND, some silt, trace fine subangular gravel (dry) [FILL]	0					0.0	Langan Utility Clearance Exempted by Shareholder
			1					0.0	SB16_0-2
			2	M-1	Macrocore	36/60		0.0	
			3					0.0	
			4						
			5	M-2A				0.0	
	N/A	Dark brown to brown fine SAND, some silt, trace fine subangular gravel (dry) [FILL]						0.0	
		Light brown fine SAND, trace silt (moist) [SP-SM] ▽	6	M-2B				0.0	SB16_6-8
		Light brown fine SAND, trace silt (wet) [SP-SM]						0.0	
			7	M-2C	Macrocore	28/60		0.0	
		▼	8						
			9						
		Light brown fine SAND, trace silt (wet) [SP-SM]	10					0.0	
								0.0	
			11					0.0	
								0.0	
			12					0.0	
				M-3	Macrocore	37/60		0.0	
			13					0.0	Set 10-ft of 0.020-slot screen at 13-ft
								0.0	
			14						
		Light brown fine SAND, trace silt (wet) [SP-SM]	15					0.0	
								0.0	
			16	M-4	Macrocore	19/24		0.0	
								0.0	
	N/A	End of Boring at 17.0ft.	17						
			18						
			19						
			20						

LANGAN

Log of Boring **SB17/MW-017** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/12/2025 — Date Finished: 1/12/2025
Drilling Equipment: Geoprobe 7720DT	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.5 — Completion ▼ 8.8 — 24 HR. ▽ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Ernesto santiago
Sampler: 60-inch Macrocore	Field Engineer: Olivia Miller
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark grayish brown fine SAND, trace silt, coal ash, trace subangular gravel (dry) [FILL]	0					0.0	Langan Utility Clearance Exempted by Shareholder
			1					0.0	SB17_0-2
			2	M-1	Macrocore	10/60			
			3						
			4						
	N/A	Brown fine SAND, trace silt (moist) [SP-SM]	5					0.0	
				M-2A				0.0	
		Brown fine SAND, some silt (wet) [SP-SM] ▽	6					0.0	SB17_6-8
			7	M-2B	Macrocore	27/60		0.0	
		▼	8					0.0	
			9						
		Brown fine SAND, some silt (wet) [SP-SM]	10					0.0	
			11					0.0	
			12	M-3	Macrocore	29/60		0.0	
			13						
			14						Set 10-ft of 0.020-slot screen at 14-ft
		Brown fine SAND, trace silt (wet) [SP-SM]	15					0.0	
			16	M-4	Macrocore	10/24		0.0	
	N/A	End of Boring at 17.0ft.	17						
			18						
			19						
			20						

LANGAN

Log of Boring **SB18/MW-018** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/10/2025 — Date Finished: 1/10/2025
Drilling Equipment: Geoprobe 420M	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 6 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.0 — Completion ▼ 6.0 — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Ernesto Santiago
Sampler: 60-inch Macrocore	Field Engineer: Olivia Miller
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	CONCRETE	0					0.0	Langan Utility Clearance Exempted by Shareholder
		Brown fine SAND, coal ash, trace silt, brick (moist) [FILL]						0.0	
			1	M-1	Macrocore	19/36		0.0	SB18_0-2
								0.0	
			2					0.0	
	N/A								
		Brown fine SAND, trace silt (moist) [SP-SM]	3					0.0	
								0.0	
			4	M-2	Macrocore	13/36		0.0	
			5						
		Brown fine SAND, trace silt (moist) [SP-SM]	6	M-3A				0.0	SB18_6-8
								0.0	
		Brown fine SAND, trace silt (wet) [SP-SM]		M-3B					
		Brown fine SAND, some silt, trace clay (wet) [SP-SM]	7					0.0	
				M-3C	Macrocore	22/36		0.0	
			8						
		Brown to orangish brown fine SAND, some silt, trace clay (wet) [SP-SM]	9					0.0	
				M-4A				0.0	
			10					0.0	
		Brown fine SAND, some silt (wet) [SP-SM]							
			11	M-4B	Macrocore	14/36			
		Brown to orangish brown fine SAND, some silt (wet) [SP-SM]	12					0.0	
								0.0	
			13					0.0	
				M-5	Macrocore	22/36		0.0	
			14						Set 10-ft of 0.020-slot screen at 14-ft
		Brown to orangish brown fine SAND, some silt (wet) [SP-SM]	15					0.0	
								0.0	
			16	M-6	Macrocore	20/24		0.0	
								0.0	
	N/A		17						
		End of Boring at 17.0ft.	18						
			19						
			20						

LANGAN

Log of Boring **SB19/MW-019** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/7/2025 — Date Finished: 1/10/2025
Drilling Equipment: Geoprobe 7720DT; Hand Auger; Post Hole Digger	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 5.7 — Completion ▼ 7.4 — 24 HR. ▼ 7.4
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Robert Galenko
Sampler: 60-inch Macrocore	Field Engineer: Loagan Clements
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark brown to dark grayish brown fine SAND, some silt, trace clay, trace fine subangular gravel, brick, metal, rootlets, woody vegetation, ceramics, ash, shells (dry) [FILL]	0					0.0	Hand cleared with 4-inch diameter hand auger and post hole digger
								0.0	SB19_0-2
			1					0.0	
								0.0	
			2	PD-1	DIST	60/60		0.0	
								0.0	
			3					0.0	
								0.0	
			4					0.0	
								0.0	
	N/A	Brown fine SAND, trace silt, trace fine subangular gravel (moist) [FILL] ▽	5	M-1A				0.0	Advanced with 60-inch Macrocore
								0.0	SB19_5-7
		Brown fine SAND, some silt, trace fine gravel (wet) [SP-SM]	6					0.0	
		▼	7						
				M-1B	Macrocore	16/60			
			8						
			9						
		Brown fine SAND, some silt, trace fine subrounded gravel (wet) [SP-SM]	10					0.0	
								0.0	
			11					0.0	11-ft to11.3-ft - Clay lense
								0.0	
			12					0.0	
				M-2	Macrocore	32/60		0.0	
			13						Set 10-ft of 0.020-slot screen at 13-ft
			14						
		Brown fine SAND, some silt, trace fine subrounded gravel (wet) [SP-SM]	15					0.0	
								0.0	
			16	M-3	Macrocore	13/24		0.0	
	N/A								
		End of Boring at 17.0ft.	17						
			18						
			19						
			20						

LANGAN

Log of Boring **SB20/MW-020** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/7/2025 — Date Finished: 1/10/2025
Drilling Equipment: Geoprobe 7720DT; Hand Auger; Post Hole Digger	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.2 — Completion ▼ 6.4 — 24 HR. ▼ 5.0
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Robert Galenko
Sampler: 60-inch Macrocore	Field Engineer: Loagan Clements
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark brown to grayish brown fine SAND, some silt, trace clay, trace fine subangular gravel, rootlets, woody vegetation, metal, ceramics (dry) [FILL]	0					0.0	Hand cleared with a 4-inch diameter hand auger and post hole digger
			1					0.0	SB20_0-2
			2	PD-1	DIST	60/60		0.0	
			3					0.0	
			4					0.0	
			5					0.0	Advanced with 60-inch Macrocore
		Brown fine SAND, trace silt, trace fine subangular gravel, brick, glass (moist) [FILL]		M-1A				0.0	
			6					0.0	SB20_6-8
		Brown fine SAND, trace silt, trace fine gravel, brick, glass (wet) [FILL]	7	M-1B	Macrocore	25/60		0.0	
			8						
			9						
	N/A		10					0.0	
		Brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	11					0.0	
			12	M-2	Macrocore	29/60		0.0	
			13						
			14						Set 10-ft of 0.020-slot screen at 14-ft
		Brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	15					0.0	
			16	M-3	Macrocore	10/24		0.0	
	N/A		17						
		End of Boring at 17.0ft.	18						
			19						
			20						

LANGAN

Log of Boring **SB21** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/7/2025 — Date Finished: 1/7/2025
Drilling Equipment: Geoprobe 7720DT; Hand Auger; Post Hole Digger	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.7 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Brandon Sullivan
Sampler: 60-inch Macrocore	Field Engineer: Loagan Clements
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	Dark grayish brown to light orangish brown fine SAND, some silt, trace clay, trace fine subangular gravel, woody vegetation, rootlets, brick (dry) [FILL]	0	PD-1	DIST	60/60		0.0	Hand cleared with 4-inch diameter hand auger and post hole digger SB21_0-2
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
			5					0.0	
	N/A	Dark brown to orangish brown fine SAND, trace silt, trace clay, rootlets (moist) [FILL]	5	M-1A				0.0	Advanced with 60-inch Macrocore
		Orangish brown fine SAND, trace silt (moist) [SP-SM]	6	M-1B				0.0	SB21_6-8
		Orangish brown fine SAND, trace silt (wet) [SP-SM] ▽	6					0.0	
			7	M-1C	Macrocore	42/60		0.0	
			8					0.0	
			8					0.0	
		Brown fine SAND, trace silt, trace fine subrounded gravel, trace clay (wet) [SP-SM]	10	M-2	Macrocore	40/60		0.0	
			11					0.0	
			12					0.0	
			12					0.0	
			13					0.0	
		Brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	15	M-3	Macrocore	17/24		0.0	
			16					0.0	
	N/A	End of Boring at 17.0ft.	17					0.0	Boring backfilled to surface grade with clean soil cuttings and No. 2 sand
			18						
			19						
			20						

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Log of Boring **SB22** Sheet 1 of 1

Project: 198-200 Conover Street	Project No.: 170562203
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Coastal Environmental Solutions, Inc.	Date Started: 1/7/2025 — Date Finished: 1/7/2025
Drilling Equipment: Geoprobe 7720DT; Hand Auger; Post Hole Digger	Completion Depth: 17.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.5-in OD/2.25-in ID Direct Push	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 6.6 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Brandon Sullivan
Sampler: 60-inch Macrocore	Field Engineer: Loagan Clements
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	Brick Pavers	0					0.0	Hand cleared with 4-inch diameter hand auger and post hole digger
		Light orangish brown to tannish brown fine SAND, trace silt, concrete, trace fine subrounded gravel, rootlets, brick (dry) [FILL]	1					0.0	SB22_0-2
			2	PD-1	DIST	0/60		0.0	
			3					0.0	
			4					0.0	
	N/A		5					0.0	Advanced with 60-inch Macrocore
		Orangish brown fine SAND, trace silt (moist) [SP-SM]		M-1A				0.0	
			6					0.0	SB22_6-8
		Orangish brown fine SAND, trace silt (wet) [SP-SM] ▽	7	M-1B	Macrocore	52/60		0.0	
			8					0.0	
			9					0.0	
		Orangish brown to brown fine SAND, trace silt, trace fine subrounded gravel (wet) [SP-SM]	10	M-2	Macrocore	57/60		0.0	
			11					0.0	
			12					0.0	
			13					0.0	
			14					0.0	
		Brown fine SAND, trace silt, trace fine subrounded gravel, trace clay (wet) [SP-SM]	15	M-3	Macrocore	20/24		0.0	
			16					0.0	
	N/A		17					0.0	Boring backfilled to surface grade with clean soil cuttings and No. 2 sand
		End of Boring at 17.0ft.	18						
			19						
			20						

APPENDIX D

MONITORING WELL CONSTRUCTION AND SAMPLING LOGS

MONITORING WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-016**

PROJECT		PROJECT NO.	
198-200 Conover St		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. 8.93 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		1/7/2025	1/13/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7720DT		Robert Galenko	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2.5-in OD/2.25-in ID Direct Push		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Clean soil cuttings	
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 track-mounted Geoprobe 7720DT drill rig was used to advance the boring to approximately 13 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, 20 slot (0.020-inch) well screen, and a solid 2-inch-diameter PVC riser. The well screen was installed from approximately 3 to 13 feet bgs with riser from 3 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to 0.25 feet bgs. The monitoring well was finished at the surface with a 4-inch diameter flush-mounted access cover.

WELL DEVELOPMENT DATA

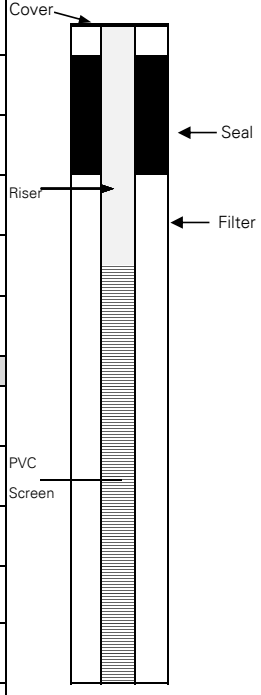
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	The whale pump was passed over the screened interval until purged water was clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	2 gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	8.93	0.0
TOP OF SEAL	8.68	0.25
TOP OF FILTER	7.9	1.0
TOP OF SCREEN	5.9	3.0
BOTTOM OF BORING	-4.1	13.0
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
0.37	1/9/2025	8.56 ft
2.65	1/10./2025	6.28 ft
1.09	1/17/2025	7.84 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
Cover	0.0
Top of PVC/Seal	0.25
Top of Filter	1.0
Top of screen	3.0
Bottom of boring	13.0

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Bungalow - 145 Wolcott St	**Well No:**	MW-016	**Water Quality Device Model:**	Horiba U-52	**Weather:**	25-39ºF, Sunny		MW-016_011725
Project Number:	170562203	**Well Depth:**	13.0 feet	**Pine Number:**	215789	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	198-200 Conover, Brooklyn, New York	**Well Diameter:**	2 inches	**Pump Make and Model:**	Solinist Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Savannah Walters	**Well Screen**	3 feet bgs	**Pine Number:**	A01767	**Pump Intake Depth:**	12.00	**Sample Date:**	1/17/2025
Personnel:		**Interval:**	13 feet bgs	**Tubing Diameter:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	7.84	**Sample Time:**	3:15

STABILIZATION = 3 successive readings within limits

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											
2:10	12.11	7.12	310	0.39	610.00	12.07	8.94	-	0.50	clear, no odor	**N/A**
2:15	12.30	7.09	311	0.39	455.00	2.83	8.72	0.05	0.75	clear, no odor	**N/A**
2:20	12.41	7.08	311	0.39	369.00	2.64	8.78	0.05	1.00	clear, no odor	**N**
2:25	12.65	7.08	311	0.40	226.00	2.05	8.90	0.05	1.25	clear, no odor	**N**
2:30	12.76	7.09	309	0.39	141.00	1.82	8.90	0.05	1.50	clear, no odor	**N**
2:35	12.72	7.09	306	0.39	82.40	2.04	8.77	0.05	1.75	clear, no odor	**N**
2:40	12.92	7.08	299	0.39	79.30	1.78	8.74	0.05	2.00	clear, no odor	**N**
2:45	12.72	7.09	297	0.40	61.90	1.96	8.72	0.05	2.25	clear, no odor	**N**
2:50	12.83	7.09	291	0.39	52.60	1.92	8.74	0.05	2.50	clear, no odor	**N**
2:55	12.84	7.08	284	0.39	47.10	1.82	8.74	0.05	2.75	clear, no odor	**N**
3:00	12.81	7.08	274	0.39	47.40	1.78	8.74	0.05	3.00	clear, no odor	**N**
3:05	12.83	7.09	274	0.39	50.50	1.78	8.74	0.05	3.25	clear, no odor	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
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

MONITORING WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-017**

PROJECT		PROJECT NO.	
198-200 Conover St		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. 9.11 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		1/7/2025	1/13/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7720DT		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2.5-in OD/2.25-in ID Direct Push		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Clean soil cuttings	
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 track-mounted Geoprobe 7720DT drill rig was used to advance the boring to approximately 13 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, 20 slot (0.020-inch) well screen, and a solid 2-inch-diameter PVC riser. The well screen was installed from approximately 3 to 13 feet bgs with riser from 3 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to 0.25 feet bgs. The monitoring well was finished at the surface with a 4-inch diameter flush-mounted access cover.

WELL DEVELOPMENT DATA

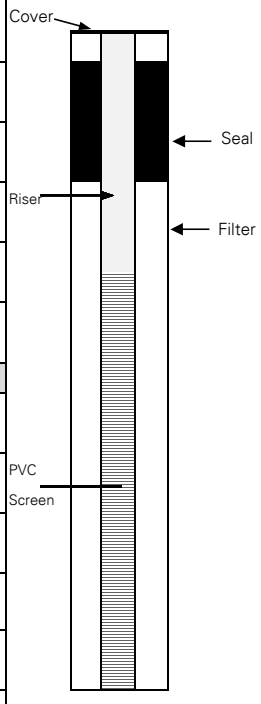
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	The temporary well was purged until water was clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**
	9.11	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	8.86	0.25
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	8.1	1.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	5.1	4.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-4.9	14.0
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
0.32	1/10/2025	8.79 ft
0.86	1/17/2025	8.25 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
Cover	0.0
Top of PVC/Seal	0.25
Top of Filter	1.0
Top of screen	4.0
Bottom of boring	14.0

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Bungalow - 145 Wolcott St	**Well No:**	MW-017	**Water Quality Device Model:**	Horiba U-52	**Weather:**	25-39ºF, Sunny		MW-017_011725
Project Number:	170562203	**Well Depth:**	14 feet	**Pine Number:**	215789	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	198-200 Conover, Brooklyn, New York	**Well Diameter:**	2 inches	**Pump Make and Model:**	Solinist Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Savannah Walters	**Well Screen**	4 feet bgs	**Pine Number:**	A01767	**Pump Intake Depth:**	12.00	**Sample Date:**	1/17/2025
Personnel:		**Interval:**	14 feet bgs	**Tubing Diameter:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	8.25	**Sample Time:**	10:45

STABILIZATION = 3 successive readings within limits

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											
9:45	10.74	6.91	267	0.22	1000	0.23	8.60	-	0.50	light brown, no odor	**N/A**
9:50	10.60	7.01	254	0.21	1000	0	8.60	0.05	0.75	light brown, no odor	**N/A**
9:55	10.62	7.06	251	0.22	1000	0	8.60	0.05	1.00	light brown, no odor	**N**
10:00	10.68	7.11	245	0.21	1000	0	8.64	0.05	1.25	light brown, no odor	**N**
10:05	11.18	7.10	248	0.20	1000	0	8.60	0.05	1.50	light brown, no odor	**N**
10:10	10.92	7.06	252	0.20	1000	0	8.64	0.05	1.75	light brown, no odor	**N**
10:15	10.94	7.09	249	0.20	1000	0	8.64	0.05	2.00	light brown, no odor	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
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

MONITORING WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-018**

PROJECT		PROJECT NO.	
198-200 Conover St		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. 8.67 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		1/7/2025	1/13/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 420M		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2.5-in OD/2.25-in ID Direct Push		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Clean soil cuttings	
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 420M drill rig was used to advance the boring to approximately 13 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, 20 slot (0.020-inch) well screen, and a solid 2-inch-diameter PVC riser. The well screen was installed from approximately 3 to 13 feet bgs with riser from 3 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to 0.25 feet bgs. The monitoring well was finished at the surface with a 4-inch diameter flush-mounted access cover.

WELL DEVELOPMENT DATA

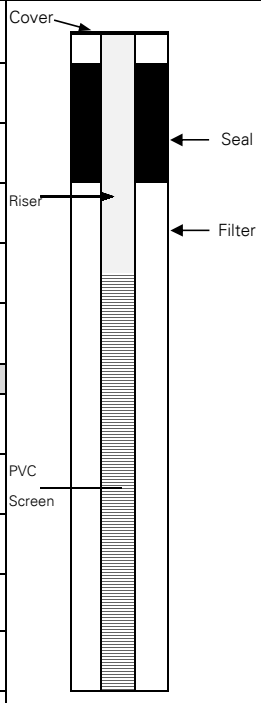
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	The temporary well was purged until water was clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF CASING ELEVATION	DEPTH (ft)
8.67	0.0
TOP OF SEAL ELEVATION	**DEPTH (ft)**
8.42	0.3
TOP OF FILTER ELEVATION	**DEPTH (ft)**
7.7	1.0
TOP OF SCREEN ELEVATION	**DEPTH (ft)**
5.7	3.0
BOTTOM OF BORING ELEVATION	**DEPTH (ft)**
-4.3	13.0
SCREEN LENGTH	10 feet
SLOT SIZE	No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER	
2.71	1/10/2025	5.96	ft
0.53	1/17/2025	8.14	ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
Cover	0.0
Top of PVC/Seal	0.25
Top of Filter	1.0
Top of screen	3.0
Bottom of boring	13.0

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Bungalow - 145 Wolcott St	**Well No:**	MW-018	**Water Quality Device Model:**	Horiba U-52	**Weather:**	25-39ºF, Sunny	**Sample(s):**	MW-018_011725
Project Number:	170562203	**Well Depth:**	13 feet	**Pine Number:**	21428	**Background PID (ppm):**	0.0		
Site Location:	198-200 Conover, Brooklyn, New York	**Well Diameter:**	2 inches	**Pump Make and Model:**	Solinist Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling Personnel:	Lilah Willis	**Well Screen Interval:**	3 feet bgs 13 feet bgs	**Pine Number:**	239068	**Pump Intake Depth:**	11.00	**Sample Date:**	1/17/2025
				Tubing Diameter:	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	8.14	**Sample Time:**	11:00

STABILIZATION = 3 successive readings within limits

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											
9:45	11.80	5.00	168	0.146	411.00	4.13	8.14	-	1.50	clear, no odor	**N/A**
9:50	11.90	5.06	163	0.142	228.00	3.37	8.05	0.06	1.80	clear, no odor	**N/A**
9:55	11.76	5.09	159	0.141	171.00	3.02	8.01	0.06	2.10	clear, no odor	**N**
10:00	11.78	5.06	160	0.137	92.30	2.65	8.00	0.08	2.50	clear, no odor	**N**
10:05	11.73	5.05	161	0.137	67.40	2.34	8.00	0.10	3.00	clear, no odor	**N**
10:10	11.73	5.04	162	0.134	46.80	2.07	7.99	0.08	3.40	clear, no odor	**N**
10:15	11.60	5.02	162	0.136	41.30	2.00	7.99	0.04	3.60	clear, no odor	**N**
10:20	11.60	5.02	162	0.136	37.60	1.66	8.00	0.08	4.00	clear, no odor	**N**
10:25	11.60	5.00	163	0.136	42.60	1.46	8.00	0.04	4.20	clear, no odor	**N**
10:30	11.60	4.99	164	0.137	38.00	1.27	8.00	0.08	4.60	clear, no odor	**N**
10:35	11.60	4.97	164	0.137	38.60	1.18	7.93	0.03	4.75	clear, no odor	**N**
10:40	11.61	4.97	167	0.137	28.50	1.27	7.95	0.05	5.00	clear, no odor	**N**
10:45	11.60	4.98	169	0.133	25.30	0.89	8.00	0.04	5.20	clear, no odor	**N**
10:50	11.61	4.98	169	0.133	22.40	0.80	8.00	0.06	5.50	clear, no odor	**N**
10:55	11.57	4.97	170	0.134	23.00	0.80	8.00	0.04	5.70	clear, no odor	**N**
11:00	11.64	4.96	171	0.133	19.60	0.16	8.00	0.06	6.00	clear, no odor	**N**
11:05	11.55	4.91	175	0.135	22.00	0.10	8.00	0.04	6.20	clear, no odor	**N**
11:10	11.56	4.92	174	0.136	21.40	0.09	8.00	0.04	6.40	clear, no odor	**N**
11:15	11.58	4.94	174	0.134	19.60	0.12	8.00	0.02	6.50	clear, no odor	**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
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

MONITORING WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-019**

PROJECT		PROJECT NO.	
198-200 Conover St		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. 9.92 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		1/7/2025	1/13/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7720DT		Robert Galenko	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2.5-in OD/2.25-in ID Direct Push		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Clean soil cuttings	
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

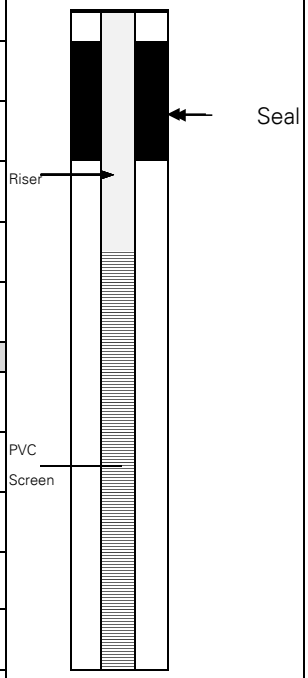
A track-mounted Geoprobe 7720DT drill rig was used to advance the boring to approximately 13 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, 20 slot (0.020-inch) well screen, and a solid 2-inch-diameter PVC riser. The well screen was installed from approximately 3 to 13 feet bgs with riser from 3 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to 0.25 feet bgs. The monitoring well was finished at the surface with a 4-inch diameter flush-mounted access cover.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	The whale pump was passed over the screened interval until purged water was clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	2 gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	9.92	0.0
TOP OF SEAL	9.67	0.3
TOP OF FILTER	8.9	1.0
TOP OF SCREEN	6.9	3.0
BOTTOM OF BORING	-3.1	13.0
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
Cover	0.0
Top of PVC/Seal	0.25
Top of Filter	1.0
Top of screen	3.0
Bottom of boring	13.0

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
2.54	1/9/2025	7.38 ft
2.54	1/10/2025	7.38 ft
1.03	1/17/2025	8.89 ft

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Bungalow - 145 Wolcott St	**Well No:**	MW-018	**Water Quality Device Model:**	Horiba U-52	**Weather:**	25-39ºF, Sunny	**Sample(s):**	MW-019_011725
Project Number:	170562203	**Well Depth:**	13 feet	**Pine Number:**	21428	**Background PID (ppm):**	0.0		
Site Location:	198-200 Conover, Brooklyn, New York	**Well Diameter:**	2 inches	**Pump Make and Model:**	Solinist Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Lilah Willis	**Well Screen**	3 feet bgs	**Pine Number:**	239068	**Pump Intake Depth:**	11.00	**Sample Date:**	1/17/2025
Personnel:		**Interval:**	13 feet bgs	**Tubing Diameter:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	8.89	**Sample Time:**	15:30

STABILIZATION = 3 successive readings within limits

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											
14:25	13.34	5.47	222	0.75	328.00	3.55	8.93	-	0.50	clear, no odor	**N/A**
14:30	12.60	5.55	219	0.75	266.00	1.59	8.90	0.02	0.60	clear, no odor	**N/A**
14:35	13.02	5.56	217	0.75	190.00	1.16	8.93	0.08	1.00	clear, no odor	**N**
14:40	13.15	5.60	214	0.74	159.00	1.03	8.93	0.03	1.15	clear, no odor	**N**
14:45	13.30	5.64	211	0.74	121.00	0.93	8.93	0.03	1.30	clear, no odor	**N**
14:50	13.46	5.70	207	0.72	88.40	0.76	8.93	0.09	1.75	clear, no odor	**N**
14:55	13.50	5.62	204	0.73	57.10	1.14	8.93	0.05	2.00	clear, no odor	**N**
15:00	13.52	5.75	203	0.71	38.10	0.78	8.93	0.05	2.25	clear, no odor	**N**
15:05	13.53	5.76	202	0.70	24.80	0.69	8.91	0.05	2.50	clear, no odor	**N**
15:10	13.52	5.79	200	0.69	20.40	0.64	8.93	0.05	2.75	clear, no odor	**N**
15:15	13.43	5.80	199	0.68	13.60	0.58	8.93	0.05	3.00	clear, no odor	**N**
15:20	13.35	5.79	200	0.68	12.80	0.58	8.93	0.03	3.15	clear, no odor	**N**
15:25	13.34	5.81	199	0.69	10.90	0.63	8.93	0.02	3.25	clear, no odor	**N**
15:30	13.46	5.82	198	0.68	8.20	0.58	8.93	0.05	3.50	clear, no odor	**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
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

MONITORING WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. **MW-020**

PROJECT		PROJECT NO.	
198-200 Conover St		170562203	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. 9.54 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Coastal Environmental Solutions, Inc.		1/7/2025	1/13/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7720DT		Robert Galenko	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2.5-in OD/2.25-in ID Direct Push		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.75 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	Clean soil cuttings	
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 track-mounted Geoprobe 7720DT drill rig was used to advance the boring to approximately 13 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, 20 slot (0.020-inch) well screen, and a solid 2-inch-diameter PVC riser. The well screen was installed from approximately 3 to 13 feet bgs with riser from 3 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to 0.25 feet bgs. The monitoring well was finished at the surface with a 4-inch diameter flush-mounted access cover.

WELL DEVELOPMENT DATA

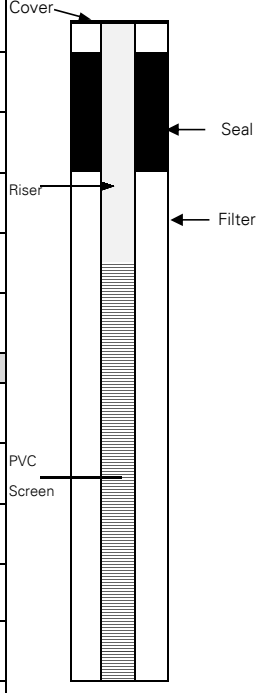
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	0.25 gal/min	The whale pump was passed over the screened interval until purged water was clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	4 gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	9.54	0.0
TOP OF SEAL	9.29	0.3
TOP OF FILTER	8.5	1.0
TOP OF SCREEN	5.5	4.0
BOTTOM OF BORING	-4.5	14.0
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
3.09	1/9/2025	6.45 ft
4.52	1/10/2025	5.02 ft
0.57	1/30/2025	8.97 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
Cover	0.0
Top of PVC/Seal	0.25
Top of Filter	1.0
Top of screen	4.0
Bottom of boring	14.0

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Bungalow - 145 Wolcott St	**Well No:**	MW-020	**Water Quality Device Model:**	Horiba U-52	**Weather:**	25-37ºF, Sunny	**Sample(s):**	MW-020_013025
Project Number:	170562203	**Well Depth:**	14 feet	**Pine Number:**	215789	**Background PID (ppm):**	0.0		
Site Location:	198-200 Conover, Brooklyn, New York	**Well Diameter:**	2 inches	**Pump Make and Model:**	Solinist Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	Lilah Willis	**Well Screen**	4 feet bgs	**Pine Number:**	A01767	**Pump Intake Depth:**	12.00	**Sample Date:**	1/30/2025
Personnel:	Brayden Klein	**Interval:**	14 feet bgs	**Tubing Diameter:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	8.97	**Sample Time:**	9:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP ºCelsius (+/- 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											
8:30	13.85	7.42	253	0.64	95.9	0.91	9.04		0.50	clear, no odor	**N/A**
8:35	13.62	7.71	244	0.63	65.3	0.64	9.00	0.05	0.75	clear, no odor	**N/A**
8:40	13.60	7.81	236	0.64	35.3	0.45	9.00	0.10	1.25	clear, no odor	**N**
8:45	13.58	7.86	232	0.64	24.2	0.54	9.00	0.05	1.50	clear, no odor	**N**
8:50	13.97	7.92	227	0.64	12.3	0.37	9.00	0.08	1.90	clear, no odor	**N**
8:55	13.97	7.87	225	0.64	7.70	0.35	9.00	0.12	2.50	clear, no odor	**N**
9:00	14.28	7.90	223	0.64	2.50	0.45	9.00	0.05	2.75	clear, no odor	**N**
9:05	14.30	7.91	220	0.64	0.60	0.42	9.01	0.05	3.00	clear, no odor	**N**
9:10	14.33	7.91	217	0.64	0.00	0.29	9.00	0.10	3.50	clear, no odor	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
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

APPENDIX E

SOIL VAPOR POINT CONSTRUCTION AND SAMPLING LOGS

SOIL VAPOR POINT INSTALLATION/SAMPLING LOG SHEET

Location ID: SV-011 Sample ID: SV-011_011025

PROJECT: 198-200 Conover St	**PROJECT NO.:** 170562203	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Coastal Environmental Solutions, Inc.	**INSTALLATION DATE STARTED:** 1/9/2025	**DATE FINISHED:** 1/9/2025
INSTALLATION FOREMAN: Robert Galenko	**SAMPLE DATE STARTED:** 1/10/2025	**DATE FINISHED:** 1/10/2025
INSTALLATION EQUIPMENT: Geoprobe 7720DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Loagan Clements	**SAMPLER:** Loagan Clements	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 36ºF Wind: NW at 14 mph Precipitation: None Pressure: 29.99 inHg	

METHOD OF INSTALLATION AND PURGING:

Coastal advanced a Geoprobe 7720DT to about 4 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 0.5 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE Plus five-gas meter was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	0.0386	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
BACKGROUND HELIUM (%):	0.0	0.0
HELIUM TEST IN BUCKET (%):	41.3	34.4
HELIUM TEST IN TUBING:	0.0	0.0
SAMPLE START TIME:	13:41	
SAMPLE STOP TIME:	15:38	
TOTAL SAMPLE TIME (MIN):	117	
REGULATOR FLOW RATE (L/MIN):	0.1	
VOLUME OF SAMPLE (LITERS):	5.85	
PID AFTER SAMPLE (PPM):	0.0	
SAMPLE MOISTURE CONTENT:	0	
CAN SERIAL NUMBER:	37386	
REGULATOR SERIAL NUMBER:	21038	
CAN START VACUUM PRESS. (" HG):	-30.00	
CAN STOP VACUUM PRESS. (" HG):	-5.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (INCHES FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	0.50	
Probe Depth	4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

N/A

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SOIL VAPOR POINT INSTALLATION/SAMPLING LOG SHEET

Location ID: SV-012 Sample ID: SV-012_011025

PROJECT: 198-200 Conover St	**PROJECT NO.:** 170562203	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Coastal Environmental Solutions, Inc.	**INSTALLATION DATE STARTED:** 1/10/2025	**DATE FINISHED:** 1/10/2025
INSTALLATION FOREMAN: Ernesto Santiago	**SAMPLE DATE STARTED:** 1/10/2025	**DATE FINISHED:** 1/10/2025
INSTALLATION EQUIPMENT: Geoprobe 420M	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Loagan Clements	**SAMPLER:** Loagan Clements	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 36ºF; Wind: NW at 14 mph; Precipitation: None; Pressure: 29.99 inHg	

METHOD OF INSTALLATION AND PURGING:

Coastal advanced a Geoprobe 7720DT to about 4 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 0.5 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE Plus five-gas meter was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	0.0386	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
BACKGROUND HELIUM (%):	0.0	0.0
HELIUM TEST IN BUCKET (%):	36.7	37.9
HELIUM TEST IN TUBING:	0.0	0.0
SAMPLE START TIME:	13:43	
SAMPLE STOP TIME:	15:44	
TOTAL SAMPLE TIME (MIN):	121	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	5.85	
PID AFTER SAMPLE (PPM):	0.0	
SAMPLE MOISTURE CONTENT:	0	
CAN SERIAL NUMBER:	18302	
REGULATOR SERIAL NUMBER:	20455	
CAN START VACUUM PRESS. (" HG):	-30.00	
CAN STOP VACUUM PRESS. (" HG):	-5.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (INCHES FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	0.50	
Probe Depth	4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

N/A

SOIL VAPOR POINT INSTALLATION/SAMPLING LOG SHEET

Location ID: SV-013 Sample ID: SV-013_011025

PROJECT: 198-200 Conover St	**PROJECT NO.:** 170562203	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Coastal Environmental Solutions, Inc.	**INSTALLATION DATE STARTED:** 1/9/2025	**DATE FINISHED:** 1/9/2025
INSTALLATION FOREMAN: Robert Galenko	**SAMPLE DATE STARTED:** 1/10/2025	**DATE FINISHED:** 1/10/2025
INSTALLATION EQUIPMENT: Geoprobe 7720DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Loagan Clements	**SAMPLER:** Loagan Clements	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 36ºF Wind: NW at 14 mph Precipitation: None Pressure: 29.99 inHg	

METHOD OF INSTALLATION AND PURGING:

Coastal advanced a Geoprobe 7720DT to about 4 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 0.5 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE Plus five-gas meter was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	0.0386	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
BACKGROUND HELIUM (%):	0.00	0.00
HELIUM TEST IN BUCKET (%):	37.8	35.1
HELIUM TEST IN TUBING:	0	0
SAMPLE START TIME:	13:39	
SAMPLE STOP TIME:	15:25	
TOTAL SAMPLE TIME (MIN):	106	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	5.85	
PID AFTER SAMPLE (PPM):	0.0	
SAMPLE MOISTURE CONTENT:	0	
CAN SERIAL NUMBER:	48317	
REGULATOR SERIAL NUMBER:	21040	
CAN START VACUUM PRESS. (" HG):	-30.00	
CAN STOP VACUUM PRESS. (" HG):	-5.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (INCHES FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	0.50	
Probe Depth	4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

N/A

SOIL VAPOR POINT INSTALLATION/SAMPLING LOG SHEET

Location ID: SV-014 Sample ID: SV-014_011025

PROJECT: 198-200 Conover St	**PROJECT NO.:** 170562203	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Coastal Environmental Solutions, Inc.	**INSTALLATION DATE STARTED:** 1/9/2025	**DATE FINISHED:** 1/9/2025
INSTALLATION FOREMAN: Robert Galenko	**SAMPLE DATE STARTED:** 1/10/2025	**DATE FINISHED:** 1/10/2025
INSTALLATION EQUIPMENT: Geoprobe 7720DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Loagan Clements	**SAMPLER:** Loagan Clements	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 36ºF Wind: NW at 14 mph Precipitation: None Pressure: 29.99 inHg	

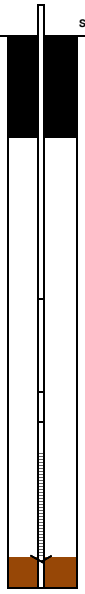
METHOD OF INSTALLATION AND PURGING:

Coastal advanced a Geoprobe 7720DT to about 4 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 0.5 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE Plus five-gas meter was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	0.0386	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
BACKGROUND HELIUM (%):	0.0	0.0
HELIUM TEST IN BUCKET (%):	38.7	41.2
HELIUM TEST IN TUBING:	0.0	0.0
SAMPLE START TIME:	13:35	
SAMPLE STOP TIME:	15:20	
TOTAL SAMPLE TIME (MIN):	105	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	5.85	
PID AFTER SAMPLE (PPM):	0.0	
SAMPLE MOISTURE CONTENT:	0.0	
CAN SERIAL NUMBER:	28801	
REGULATOR SERIAL NUMBER:	20176	
CAN START VACUUM PRESS. (" HG):	-30.00	
CAN STOP VACUUM PRESS. (" HG):	-5.00	

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



DEPTH (INCHES FROM SURFACE)	**NOTES**
0.00	
0.50	
4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

N/A

AIR SAMPLING LOG SHEET

Sample Number: AA-001_011025

PROJECT: 198-200 Conover St	**PROJECT NO.:** 170805301
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA
SAMPLER: Lanagan NYC	**SAMPLE DATE STARTED:** 1/10/2025 **DATE FINISHED:** 1/10/2025
INSPECTOR: Loagan Clements	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**

Temp:	36°F
Wind:	NW at 14 mph
Precipitation:	None
Pressure:	29.99 inHg

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MiniRAE 3000 photoionization detector (PID) prior to sampling. Sample consisted of 6 L Summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

HEIGHT ABOVE GROUND (FT):	3.5
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	13:37
SAMPLE STOP TIME:	15:18
TOTAL SAMPLE TIME (MIN):	101
REGULATOR FLOW RATE (L/MIN):	0.018
VOLUME OF SAMPLE (LITERS):	5.85
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	0.0
CAN SERIAL NUMBER:	40121
REGULATOR SERIAL NUMBER:	19399
CAN START VACUUM PRESS. (" HG):	-30.00
CAN STOP VACUUM PRESS. (" HG):	-5.00

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

N/A

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

APPENDIX F

INVESTIGATION DERIVED WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	3171A

GENERATOR

5. Generator's Name and Mailing Address
NYM 145 Wolcott, LLC
233 Broadway, 10th Floor
New York NY 10279
Generator's Phone: 201 400-4695

Generator's Site Address (if different than mailing address)
NYM 145 Wolcott, LLC
145 Wolcott Street
Brooklyn NY 11231

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600
U.S. EPA ID Number: NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid (groundwater)	026	DM	01430	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily water. Approval #237-528

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: A. Farber of Lanjun as an authorized agent of NYM 145 Wolcott LLC
Signature: [signature]
Month: 3 Day: 4 Year: 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi
Signature: [signature]
Month: 3 Day: 4 Year: 25

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Juan Acedo
Signature: [signature]
Month: 3 Day: 4 Year: 25

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

APPENDIX G

PHOTOGRAPH LOG



Photo 1: NOVA using GPR at SB16/MW016 (facing north)



Photo 2: Coastal advancing SB21 in the western part of the site (facing northwest)



Photo 3: Langan logging soil from about 5 to 10 feet below grade surface (bgs) at SB21 in the western part of the site



Photo 4: Recovered soil from about 5 to 17 feet bgs at SB22 in the western part of the site (facing southwest)

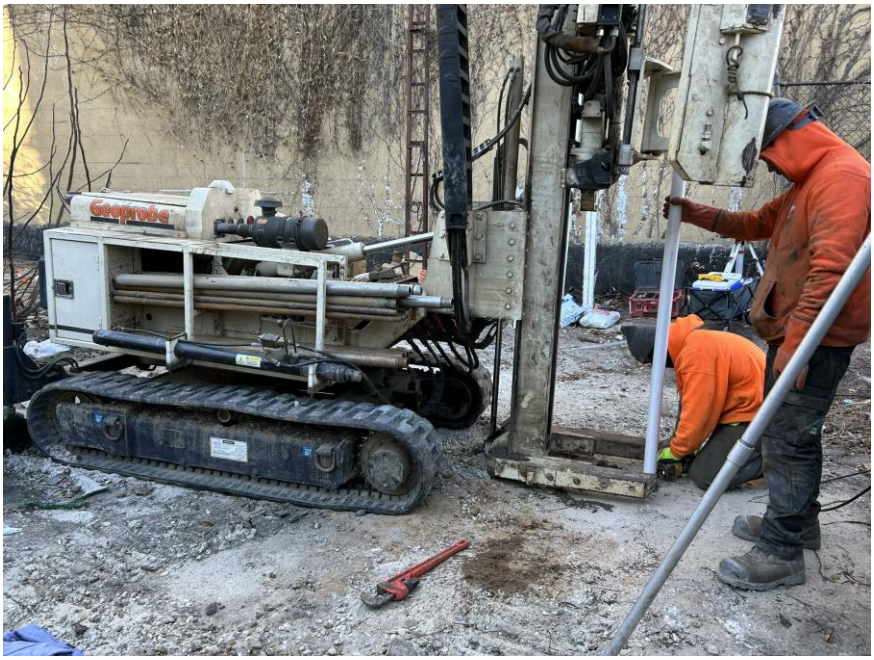


Photo 5: Coastal installing MW16 in the western part of the site (facing west)



Photo 6: Recovered soil from about 0 to 5 feet bgs at SB16 in the western part of the site



Photo 7: 55-gallon drum containing purged groundwater from MW16, MW19, and MW20 staged on the northern side of the site (facing north)



Photo 8: Coastal installing MW18 in the eastern part of the site (facing east)



Photo 9: Langan collecting soil samples from SB18 (facing east)



Photo 10: Soil vapor sampling at SV11 in the northeastern part of the site (facing north)



Photo 11: Coastal trimming PVC stick-up at MW19 (facing southeast)



Photo 12: Finished well MW20 (facing west)



Photo 13: Purged water from MW-016 (facing north)



Photo 14: Langan taking stabilization readings from MW-020 (facing northwest)

APPENDIX H

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 01/13/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0314

Report Date: 01/13/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0314

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 07, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A0314-01	SB20_0-2	Soil	01/07/2025	01/07/2025
25A0314-02	SB19_0-2	Soil	01/07/2025	01/07/2025
25A0314-03	SB21_0-2	Soil	01/07/2025	01/07/2025
25A0314-04	SB22_0-2	Soil	01/07/2025	01/07/2025
25A0314-05	SB21_6-8	Soil	01/07/2025	01/07/2025
25A0314-06	SB22_6-8	Soil	01/07/2025	01/07/2025
25A0314-07	SODUP01_010725	Soil	01/07/2025	01/07/2025
25A0314-08	TB01_010725	Water	01/07/2025	01/07/2025

General Notes for York Project (SDG) No.: 25A0314

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  **Date:** 01/13/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0071	0.014	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0071	0.014	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	01/08/2025 14:30	01/08/2025 19:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

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**	**0.0514**	J	mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.151**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.531**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.459**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.198	0.396	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**1.80**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	**Benzaldehyde**	**0.0870**	J	mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.396	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**6.38**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

SVOA, 8270 MASTER

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
50-32-8	**Benzo(a)pyrene**	**5.34**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**4.74**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**3.72**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.68**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.670**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**6.68**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**1.01**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.456**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0990	0.198	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**12.8**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	**Fluorene**	**0.540**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.06**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.200**		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**9.34**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**13.5**		mg/kg dry	0.248	0.495	10	EPA 8270E	01/08/2025 07:24	01/09/2025 09:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.198	0.396	2	EPA 8270E	01/08/2025 07:24	01/08/2025 15:58	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.3 %*	*24-116*

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

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 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 13:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.144**	J	ug/kg dry	0.0640	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.922**		ug/kg dry	0.208	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.95**		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.228	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.231	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.239	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.197	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.814**		ug/kg dry	0.151	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.179	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.234	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.135**	J	ug/kg dry	0.132	0.483	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.176	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.187	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.906	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.912	0.927	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.132	0.966	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.168	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.233	0.483	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0749	0.483	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.483	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.190	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.718	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.734	0.966	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.376	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.297	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.210	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.204	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:39	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.766	1.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.53	6.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.81	6.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.738	2.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.842	2.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.239	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:39	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*81.1 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*76.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*73.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*86.0 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.6 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*74.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*85.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*88.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*92.5 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*55.2 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*80.0 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*66.0 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*38.6 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*32.2 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*63.0 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.0 %*	*25-150*

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00265**		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0396	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:34	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A	01/08/2025 06:32	01/08/2025 13:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0237	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0237	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0237	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

HERB, 8151 MASTER

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 (.*	*88.4 %*			*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**	**5240**		mg/kg dry	5.01	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.51	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.62**		mg/kg dry	1.50	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**265**		mg/kg dry	2.50	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.391**		mg/kg dry	0.051	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.321**		mg/kg dry	0.301	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3000**		mg/kg dry	5.01	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.502	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.44**		mg/kg dry	0.400	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**82.3**		mg/kg dry	2.00	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17100**		mg/kg dry	25.1	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**675**		mg/kg dry	0.502	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2200**		mg/kg dry	5.02	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**91.4**		mg/kg dry	0.502	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**32.9**		mg/kg dry	0.998	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.02	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.505	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

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**	**107**		mg/kg dry	50.1	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	0.998	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**156**		mg/kg dry	2.50	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**1.84**		mg/kg dry	0.0361	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.601	1	EPA 7196A	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**14.9**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	0.601	1	EPA 9014/9010C	01/08/2025 08:11	01/08/2025 13:00	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB20_0-2 **York Sample ID:** 25A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:15 am	01/07/2025

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**	**83.1**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.075	0.15	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0075	0.015	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0075	0.015	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.023	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

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	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.113**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.315**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**3.09**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	**Acetophenone**	**0.0539**	J	mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**2.20**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**7.12**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**8.43**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**7.18**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**6.08**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.98**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.785**	B	mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.768**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**8.86**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**1.75**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.224**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**13.7**		mg/kg dry	0.490	0.978	20	EPA 8270E	01/08/2025 07:24	01/10/2025 10:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	**Fluorene**	**0.555**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.17**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.195**		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**10.6**		mg/kg dry	0.245	0.489	10	EPA 8270E	01/08/2025 07:24	01/09/2025 10:16	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**15.5**		mg/kg dry	0.490	0.978	20	EPA 8270E	01/08/2025 07:24	01/10/2025 10:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.196	0.392	2	EPA 8270E	01/08/2025 07:24	01/08/2025 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.7 %*	*24-116*

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

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 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 13:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.132	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.105**	J	ug/kg dry	0.0630	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.502**		ug/kg dry	0.204	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.13**		ug/kg dry	0.198	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.227	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.366**		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.163**	J	ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.164**	J	ug/kg dry	0.129	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.891	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.897	0.912	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.950	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.229	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0737	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.707	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.722	0.950	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.369	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.292	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.201	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/09/2025 23:55	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.753	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.49	5.94	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.94	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.726	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/09/2025 23:55	AM

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.214	0.238	1	EPA 1633 Draft 3	01/07/2025 14:34	01/09/2025 23:55	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.828	2.38	1	EPA 1633 Draft 3	01/07/2025 14:34	01/09/2025 23:55	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3	01/07/2025 14:34	01/09/2025 23:55	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*78.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*78.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*87.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*100 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*78.0 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.7 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*41.8 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*72.0 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*74.2 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*63.4 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.9 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*89.6 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*41.8 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*44.3 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*39.6 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*71.4 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.2 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.4 %*	*25-150*

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

PEST, 8081 MASTER

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
72-54-8	**4,4'-DDD**	**0.00537**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.0165**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.0877**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00919**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00283**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00981**		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide [2C]	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

PEST, 8081 MASTER

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
57-74-9	*** Chlordane, total**	**0.104**		mg/kg dry	0.0391	5	EPA 8081B	01/08/2025 06:32	01/08/2025 12:51	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.3 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	**Aroclor 1242**	**0.0216**		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0216**		mg/kg dry	0.0197	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:12	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

HERB, 8151 MASTER

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	0.0234	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0234	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0234	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

HERB, 8151 MASTER

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 (*	*58.8 %*			*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**	**5000**		mg/kg dry	4.95	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.47	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.0**		mg/kg dry	1.49	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**634**		mg/kg dry	2.47	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.408**		mg/kg dry	0.050	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**2.58**		mg/kg dry	0.297	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**13200**		mg/kg dry	4.95	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.4**		mg/kg dry	0.495	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.42**		mg/kg dry	0.396	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**99.5**		mg/kg dry	1.98	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17000**		mg/kg dry	24.7	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1230**		mg/kg dry	0.495	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4920**		mg/kg dry	4.95	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**255**		mg/kg dry	0.495	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**60.5**		mg/kg dry	0.986	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**862**		mg/kg dry	4.95	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

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**	**122**		mg/kg dry	49.5	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.47	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**35.8**		mg/kg dry	0.986	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**452**		mg/kg dry	2.47	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.760**		mg/kg dry	0.0356	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.594	1	EPA 7196A	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**23.4**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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**	**0.962**		mg/kg dry	0.594	1	EPA 9014/9010C	01/08/2025 08:11	01/08/2025 13:00	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB19_0-2 **York Sample ID:** 25A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 9:40 am	01/07/2025

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**	**84.2**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.078	0.16	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0078	0.016	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0078	0.016	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	01/08/2025 14:30	01/08/2025 20:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

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	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.206**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.349**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.383	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**1.65**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**1.22**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.58**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**1.34**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.547**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0588**	J	mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.198**	B	mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.117**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.48**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.342**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**2.99**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	**Fluorene**	**0.0588**	J	mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.36**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.29**		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**3.42**		mg/kg dry	0.120	0.239	5	EPA 8270E	01/08/2025 07:24	01/09/2025 10:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.191	0.383	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.5 %*	*24-116*

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

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 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 13:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.129	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.174**	J	ug/kg dry	0.0614	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.290**		ug/kg dry	0.199	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.28**		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.283**		ug/kg dry	0.221	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.422**		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.211**	J	ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.170**	J	ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.282**	J	ug/kg dry	0.126	0.464	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.869	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.875	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.927	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.464	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0719	0.464	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.464	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.690	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.705	0.927	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 00:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.735	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.708	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.808	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 00:12	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*76.7 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*75.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*83.5 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.8 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*87.4 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*81.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*77.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*81.0 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*74.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*64.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*43.1 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*68.9 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*76.1 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*30.8 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*43.9 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.4 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*70.6 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*73.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.7 %*	*25-150*

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00532**		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.0131**		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0382	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:09	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:25	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0229	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

HERB, 8151 MASTER

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 (*	*70.4 %*			*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**	**5660**		mg/kg dry	4.84	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.81**		mg/kg dry	1.45	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**275**		mg/kg dry	2.42	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.393**		mg/kg dry	0.049	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.949**		mg/kg dry	0.290	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5650**		mg/kg dry	4.84	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**22.5**		mg/kg dry	0.484	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.52**		mg/kg dry	0.387	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**80.5**		mg/kg dry	1.94	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14200**		mg/kg dry	24.2	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**609**		mg/kg dry	0.484	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4200**		mg/kg dry	4.84	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**262**		mg/kg dry	0.484	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**50.7**		mg/kg dry	0.964	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**789**		mg/kg dry	4.84	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.488	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

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**	**88.6**		mg/kg dry	48.4	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.9**		mg/kg dry	0.964	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**297**		mg/kg dry	2.41	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.479**		mg/kg dry	0.0348	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.581	1	EPA 7196A	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**22.5**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	0.581	1	EPA 9014/9010C	01/08/2025 08:11	01/08/2025 13:00	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB21_0-2 **York Sample ID:** 25A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 10:50 am	01/07/2025

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**	**86.1**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

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	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0686**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**0.0484**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0664**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0686**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0700**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.126**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

SVOA, 8270 MASTER

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
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0592**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0527**	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.111**		mg/kg dry	0.0452	0.0903	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.181	0.362	2	EPA 8270E	01/08/2025 07:24	01/08/2025 17:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*	*24-116*

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

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	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 14:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.122	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0961**	J	ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.222**		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.228**		ug/kg dry	0.210	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.268**		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.823	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.828	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0680	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.653	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.667	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.765	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*90.4 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*86.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*95.1 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*81.1 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*80.8 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*80.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*8.18 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*36.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*72.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*44.4 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*49.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*92.3 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*41.2 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*54.7 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.9 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*85.4 %*		*25-150*

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:26	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.2 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:39	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

HERB, 8151 MASTER

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	01/09/2025 08:08	01/11/2025 16:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	01/09/2025 08:08	01/11/2025 16:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

HERB, 8151 MASTER

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 (.*	*93.6 %*			*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**	**3850**		mg/kg dry	4.57	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.87**		mg/kg dry	1.37	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**75.0**		mg/kg dry	2.28	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.401**		mg/kg dry	0.046	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.338**		mg/kg dry	0.274	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1200**		mg/kg dry	4.57	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.457	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.67**		mg/kg dry	0.365	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**44.6**		mg/kg dry	1.83	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12100**		mg/kg dry	22.8	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**155**		mg/kg dry	0.457	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2800**		mg/kg dry	4.57	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**131**		mg/kg dry	0.457	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**54.9**		mg/kg dry	0.910	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**781**		mg/kg dry	4.57	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

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	ND		mg/kg dry	45.7	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.2**		mg/kg dry	0.910	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**140**		mg/kg dry	2.28	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**1.02**		mg/kg dry	0.0329	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.548	1	EPA 7196A	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**22.4**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	0.548	1	EPA 9014/9010C	01/08/2025 08:11	01/08/2025 13:00	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB22_0-2 **York Sample ID:** 25A0314-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 11:20 am	01/07/2025

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**	**91.2**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

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	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*24-116*

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

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 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 14:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.120	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.295**		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.811	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.644	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.658	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:17	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:17	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.2 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*93.5 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.7 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*97.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*90.5 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.2 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*48.1 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*53.2 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*48.0 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.0 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.5 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*89.2 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.3 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*112 %*	*25-150*

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B	01/08/2025 06:32	01/08/2025 13:43	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 14:53	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

HERB, 8151 MASTER

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 (.*	*89.0 %*			*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**	**3990**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.83**		mg/kg dry	1.34	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.4**		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.428**		mg/kg dry	0.045	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**201**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.44**		mg/kg dry	0.358	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.82**		mg/kg dry	1.79	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13000**		mg/kg dry	22.4	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.92**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1070**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**197**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.1**		mg/kg dry	0.893	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1080**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

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	ND		mg/kg dry	44.8	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.8**		mg/kg dry	0.893	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**24.0**		mg/kg dry	2.23	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.0343**		mg/kg dry	0.0323	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**10.5**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	01/08/2025 08:11	01/08/2025 13:00	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB21_6-8 **York Sample ID:** 25A0314-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 1:00 pm	01/07/2025

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**	**93.0**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	01/08/2025 14:30	01/08/2025 21:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

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	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.386	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.386	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.193	0.386	2	EPA 8270E	01/08/2025 07:24	01/08/2025 18:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.2 %*	*24-116*

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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	19.0	1	EPA 8270D SIM	01/08/2025 08:49	01/08/2025 14:42	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*39-127.5*

PFAS, EPA 1633 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	0.131	0.209	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0625	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.225	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.472	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.885	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.891	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.944	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0732	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.702	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.717	0.944	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.367	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.290	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.199	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.748	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.721	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*86.9 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*90.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*94.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*82.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*78.8 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*88.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*11.8 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*83.0 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*61.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*75.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*42.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*46.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.8 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*47.5 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.3 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*73.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*79.2 %*		*25-150*

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0383	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:00	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*67.9 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:07	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0232	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

HERB, 8151 MASTER

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 (.*	*82.2 %*			*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**	**3450**		mg/kg dry	4.92	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.46	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.57**		mg/kg dry	1.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.1**		mg/kg dry	2.45	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.390**		mg/kg dry	0.050	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.295	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**290**		mg/kg dry	4.92	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.71**		mg/kg dry	0.492	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.74**		mg/kg dry	0.393	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.61**		mg/kg dry	1.97	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11900**		mg/kg dry	24.6	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.95**		mg/kg dry	0.492	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**942**		mg/kg dry	4.92	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**111**		mg/kg dry	0.492	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.3**		mg/kg dry	0.979	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**893**		mg/kg dry	4.92	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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	ND		mg/kg dry	49.2	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.46	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.4**		mg/kg dry	0.979	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.2**		mg/kg dry	2.45	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0354	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.590	1	EPA 7196A	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**9.71**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	0.590	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB22_6-8 **York Sample ID:** 25A0314-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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**	**84.7**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	01/08/2025 14:30	01/08/2025 22:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

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	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0801**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**0.0801**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.106**		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0878**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0443**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0836**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0879	0.176	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.160**		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0724**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0710**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.129**		mg/kg dry	0.0441	0.0879	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.176	0.352	2	EPA 8270E	01/08/2025 07:24	01/08/2025 19:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.0 %*	*24-116*

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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 8270D SIM Certifications: NELAC-NY10854	01/08/2025 08:49	01/08/2025 15:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.119	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0809**	J	ug/kg dry	0.0570	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.230**		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.806	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.812	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0667	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.654	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/07/2025 14:34	01/10/2025 01:49	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.657	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/07/2025 14:34	01/10/2025 01:49	AM

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:49	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.749	2.15	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:49	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3	01/07/2025 14:34	01/10/2025 01:49	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*93.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*81.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*91.8 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.1 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*59.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*78.7 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.6 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*60.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.3 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*53.8 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*55.1 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.0 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.3 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*54.9 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*43.4 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*80.4 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.2 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.5 %*	*25-150*

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B	01/08/2025 06:32	01/08/2025 14:17	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	01/08/2025 06:32	01/08/2025 15:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

HERB, 8151 MASTER

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 (.*	*77.4 %*			*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**	**3410**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.36**		mg/kg dry	1.34	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**63.7**		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.344**		mg/kg dry	0.045	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1280**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.27**		mg/kg dry	0.358	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**38.1**		mg/kg dry	1.79	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**10200**		mg/kg dry	22.4	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**244**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2260**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**119**		mg/kg dry	0.448	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**26.1**		mg/kg dry	0.892	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**710**		mg/kg dry	4.48	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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**	**70.5**		mg/kg dry	44.8	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	0.892	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**123**		mg/kg dry	2.23	1	EPA 6010D	01/09/2025 14:40	01/10/2025 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.439**		mg/kg dry	0.0323	1	EPA 7473	01/08/2025 20:08	01/09/2025 14:16	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	01/08/2025 08:59	01/08/2025 13:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**10.5**		mg/kg	0.500	1	Calculation	01/13/2025 14:52	01/13/2025 15:01	SL
							Certifications:			

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	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SODUP01_010725 **York Sample ID:** 25A0314-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Soil	January 7, 2025 12:50 pm	01/07/2025

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**	**93.0**		%	0.100	1	SM 2540G	01/08/2025 06:36	01/08/2025 12:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB01_010725 **York Sample ID:** 25A0314-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Water	January 7, 2025 3:00 pm	01/07/2025

VOA, 8260 LOW MASTER

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	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB01_010725 **York Sample ID:** 25A0314-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Water	January 7, 2025 3:00 pm	01/07/2025

VOA, 8260 LOW MASTER

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	CCVE	ug/L	0.320	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE, ICVE	ug/L	0.365	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB01_010725 **York Sample ID:** 25A0314-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Water	January 7, 2025 3:00 pm	01/07/2025

VOA, 8260 LOW MASTER **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	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB01_010725 **York Sample ID:** 25A0314-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0314	170562203	Water	January 7, 2025 3:00 pm	01/07/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/08/2025 12:27	01/08/2025 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*79-122*

Analytical Batch Summary

Batch ID: BA50329 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/07/25
25A0314-02	SB19_0-2	01/07/25
25A0314-03	SB21_0-2	01/07/25
25A0314-04	SB22_0-2	01/07/25
25A0314-05	SB21_6-8	01/07/25
25A0314-06	SB22_6-8	01/07/25
25A0314-07	SODUP01_010725	01/07/25
BA50329-BLK1	Blank	01/07/25
BA50329-BS1	LCS	01/07/25
BA50329-BS2	LCS	01/07/25

Batch ID: BA50360 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50360-BLK1	Blank	01/08/25
BA50360-BLK2	Blank	01/08/25
BA50360-BS1	LCS	01/08/25
BA50360-BS2	LCS	01/08/25
BA50360-MS1	Matrix Spike	01/08/25
BA50360-MS2	Matrix Spike	01/08/25
BA50360-MSD1	Matrix Spike Dup	01/08/25
BA50360-MSD2	Matrix Spike Dup	01/08/25

Batch ID: BA50362 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25

25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25

Batch ID: BA50366 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-01RE1	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-02RE1	SB19_0-2	01/08/25
25A0314-02RE2	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-03RE1	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50366-BLK1	Blank	01/08/25
BA50366-BS1	LCS	01/08/25
BA50366-MS1	Matrix Spike	01/08/25
BA50366-MSD1	Matrix Spike Dup	01/08/25

Batch ID: BA50375 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
BA50375-BLK1	Blank	01/08/25
BA50375-DUP1	Duplicate	01/08/25
BA50375-MS1	Matrix Spike	01/08/25
BA50375-MSD1	Matrix Spike Dup	01/08/25
BA50375-SRM1	Reference	01/08/25

Batch ID: BA50384 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50384-BLK1	Blank	01/08/25
BA50384-BS1	LCS	01/08/25
BA50384-MS1	Matrix Spike	01/08/25
BA50384-MSD1	Matrix Spike Dup	01/08/25

Batch ID: BA50386 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50386-BLK1	Blank	01/08/25
BA50386-DUP1	Duplicate	01/08/25
BA50386-MS1	Matrix Spike	01/08/25
BA50386-MSD1	Matrix Spike Dup	01/08/25
BA50386-SRM1	Reference	01/08/25

Batch ID: BA50440 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50440-BLK1	Blank	01/08/25
BA50440-DUP1	Duplicate	01/08/25
BA50440-MS1	Matrix Spike	01/08/25
BA50440-SRM1	Reference	01/08/25

Batch ID: BA50465 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-06	SB22_6-8	01/09/25
25A0314-07	SODUP01_010725	01/09/25
BA50465-BLK1	Blank	01/09/25
BA50465-SRM1	Reference	01/09/25

Batch ID: BA50466 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/09/25
25A0314-02	SB19_0-2	01/09/25
25A0314-03	SB21_0-2	01/09/25
25A0314-04	SB22_0-2	01/09/25
25A0314-05	SB21_6-8	01/09/25
25A0314-06	SB22_6-8	01/09/25

25A0314-07	SODUP01_010725	01/09/25
BA50466-BLK1	Blank	01/09/25
BA50466-BS1	LCS	01/09/25
BA50466-MS1	Matrix Spike	01/09/25
BA50466-MSD1	Matrix Spike Dup	01/09/25

Batch ID: BA50497 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/08/25
25A0314-02	SB19_0-2	01/08/25
25A0314-03	SB21_0-2	01/08/25
25A0314-04	SB22_0-2	01/08/25
25A0314-05	SB21_6-8	01/08/25
25A0314-06	SB22_6-8	01/08/25
25A0314-07	SODUP01_010725	01/08/25
BA50497-BLK1	Blank	01/08/25
BA50497-BS1	LCS	01/08/25
BA50497-BSD1	LCS Dup	01/08/25

Batch ID: BA50498 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-08	TB01_010725	01/08/25
BA50498-BLK1	Blank	01/08/25
BA50498-BS1	LCS	01/08/25
BA50498-BSD1	LCS Dup	01/08/25

Batch ID: BA50500 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/09/25
25A0314-02	SB19_0-2	01/09/25
25A0314-03	SB21_0-2	01/09/25
25A0314-04	SB22_0-2	01/09/25
25A0314-05	SB21_6-8	01/09/25
25A0314-06	SB22_6-8	01/09/25
25A0314-07	SODUP01_010725	01/09/25
BA50500-BLK1	Blank	01/09/25
BA50500-SRM1	Reference	01/09/25

Batch ID: BA50716 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0314-01	SB20_0-2	01/13/25
25A0314-02	SB19_0-2	01/13/25
25A0314-03	SB21_0-2	01/13/25
25A0314-04	SB22_0-2	01/13/25
25A0314-05	SB21_6-8	01/13/25

25A0314-06	SB22_6-8	01/13/25
25A0314-07	SODUP01_010725	01/13/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50497 - EPA 5035A											
Blank (BA50497-BLK1) Blank									Prepared & Analyzed: 01/08/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50497 - EPA 5035A											
Blank (BA50497-BLK1) Blank								Prepared & Analyzed: 01/08/2025			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				
LCS (BA50497-BS1) LCS								Prepared & Analyzed: 01/08/2025			
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	75-129				
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	47.5		"	50.0		95.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.8		"	50.0		110	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.5	83-123				
1,1-Dichloroethane	51.2		"	50.0		102	75-130				
1,1-Dichloroethylene	56.1		"	50.0		112	64-137				
1,2,3-Trichlorobenzene	47.7		"	50.0		95.5	81-140				
1,2,3-Trichloropropane	46.0		"	50.0		91.9	81-126				
1,2,4-Trichlorobenzene	49.1		"	50.0		98.2	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125				
1,2-Dibromo-3-chloropropane	46.5		"	50.0		93.1	74-142				
1,2-Dibromoethane	47.3		"	50.0		94.5	86-123				
1,2-Dichlorobenzene	46.3		"	50.0		92.6	85-122				
1,2-Dichloroethane	50.7		"	50.0		101	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.8	81-122				
1,3,5-Trimethylbenzene	48.8		"	50.0		97.7	82-126				
1,3-Dichlorobenzene	46.1		"	50.0		92.2	84-124				
1,4-Dichlorobenzene	46.1		"	50.0		92.2	84-124				
1,4-Dioxane	1380		"	1050		131	10-228				
2-Butanone	45.9		"	50.0		91.7	58-147				
2-Hexanone	44.0		"	50.0		88.1	70-139				
4-Methyl-2-pentanone	35.4		"	50.0		70.8	72-132	Low Bias			
Acetone	32.6		"	50.0		65.2	36-155				
Acrolein	30.1		"	50.0		60.1	10-238				
Acrylonitrile	53.5		"	50.0		107	66-141				
Benzene	52.1		"	50.0		104	77-127				
Bromochloromethane	50.3		"	50.0		101	74-129				
Bromodichloromethane	49.4		"	50.0		98.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50497 - EPA 5035A											
LCS (BA50497-BS1) LCS							Prepared & Analyzed: 01/08/2025				
Bromoform	46.9		ug/L	50.0		93.8	80-136				
Bromomethane	49.4		"	50.0		98.8	32-177				
Carbon disulfide	57.4		"	50.0		115	10-136				
Carbon tetrachloride	51.6		"	50.0		103	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	53.4		"	50.0		107	51-142				
Chloroform	50.4		"	50.0		101	76-131				
Chloromethane	47.8		"	50.0		95.6	49-132				
cis-1,2-Dichloroethylene	52.1		"	50.0		104	74-132				
cis-1,3-Dichloropropylene	49.1		"	50.0		98.2	81-129				
Cyclohexane	55.8		"	50.0		112	70-130				
Dibromochloromethane	48.4		"	50.0		96.9	10-200				
Dibromomethane	46.4		"	50.0		92.8	83-124				
Dichlorodifluoromethane	46.1		"	50.0		92.2	28-158				
Ethyl Benzene	49.0		"	50.0		98.1	84-125				
Hexachlorobutadiene	49.0		"	50.0		98.0	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	45.6		"	50.0		91.2	41-143				
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131				
Methylcyclohexane	49.1		"	50.0		98.2	70-130				
Methylene chloride	50.6		"	50.0		101	57-141				
n-Butylbenzene	48.5		"	50.0		97.0	80-130				
n-Propylbenzene	47.8		"	50.0		95.5	74-136				
o-Xylene	47.6		"	50.0		95.3	83-123				
p- & m- Xylenes	95.5		"	100		95.5	82-128				
p-Isopropyltoluene	48.8		"	50.0		97.7	85-125				
sec-Butylbenzene	48.0		"	50.0		96.1	83-125				
Styrene	50.0		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	248		"	250		99.1	70-130				
tert-Butylbenzene	41.8		"	50.0		83.6	80-127				
Tetrachloroethylene	39.8		"	50.0		79.6	80-129	Low Bias			
Toluene	48.1		"	50.0		96.2	85-121				
trans-1,2-Dichloroethylene	52.8		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.8	78-132				
Trichloroethylene	47.4		"	50.0		94.8	84-123				
Trichlorofluoromethane	51.9		"	50.0		104	62-140				
Vinyl Chloride	49.1		"	50.0		98.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50497 - EPA 5035A											
LCS Dup (BA50497-BSD1) LCS Dup							Prepared & Analyzed: 01/08/2025				
1,1,1,2-Tetrachloroethane	49.0		ug/L	50.0		97.9	75-129		1.75	30	
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137		0.198	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.2	79-129		2.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.4		"	50.0		109	58-146		0.696	30	
1,1,2-Trichloroethane	48.6		"	50.0		97.1	83-123		0.661	30	
1,1-Dichloroethane	51.8		"	50.0		104	75-130		1.05	30	
1,1-Dichloroethylene	55.3		"	50.0		111	64-137		1.54	30	
1,2,3-Trichlorobenzene	48.3		"	50.0		96.6	81-140		1.17	30	
1,2,3-Trichloropropane	47.8		"	50.0		95.5	81-126		3.84	30	
1,2,4-Trichlorobenzene	49.4		"	50.0		98.9	80-141		0.731	30	
1,2,4-Trimethylbenzene	49.1		"	50.0		98.1	84-125		0.921	30	
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.1	74-142		2.13	30	
1,2-Dibromoethane	48.2		"	50.0		96.4	86-123		1.93	30	
1,2-Dichlorobenzene	46.8		"	50.0		93.7	85-122		1.18	30	
1,2-Dichloroethane	51.1		"	50.0		102	71-133		0.904	30	
1,2-Dichloropropane	49.8		"	50.0		99.6	81-122		1.80	30	
1,3,5-Trimethylbenzene	49.3		"	50.0		98.6	82-126		0.917	30	
1,3-Dichlorobenzene	46.5		"	50.0		93.0	84-124		0.929	30	
1,4-Dichlorobenzene	46.5		"	50.0		92.9	84-124		0.800	30	
1,4-Dioxane	1420		"	1050		136	10-228		3.06	30	
2-Butanone	46.4		"	50.0		92.8	58-147		1.19	30	
2-Hexanone	45.4		"	50.0		90.8	70-139		3.04	30	
4-Methyl-2-pentanone	36.7		"	50.0		73.4	72-132		3.58	30	
Acetone	33.3		"	50.0		66.7	36-155		2.18	30	
Acrolein	29.2		"	50.0		58.5	10-238		2.83	30	
Acrylonitrile	53.7		"	50.0		107	66-141		0.336	30	
Benzene	52.5		"	50.0		105	77-127		0.746	30	
Bromochloromethane	50.7		"	50.0		101	74-129		0.851	30	
Bromodichloromethane	50.3		"	50.0		101	81-124		1.77	30	
Bromoform	48.8		"	50.0		97.5	80-136		3.85	30	
Bromomethane	49.0		"	50.0		98.0	32-177		0.854	30	
Carbon disulfide	57.7		"	50.0		115	10-136		0.522	30	
Carbon tetrachloride	51.8		"	50.0		104	66-143		0.367	30	
Chlorobenzene	48.2		"	50.0		96.3	86-120		1.19	30	
Chloroethane	54.4		"	50.0		109	51-142		1.87	30	
Chloroform	51.3		"	50.0		103	76-131		1.71	30	
Chloromethane	48.1		"	50.0		96.2	49-132		0.542	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132		0.173	30	
cis-1,3-Dichloropropylene	49.8		"	50.0		99.5	81-129		1.34	30	
Cyclohexane	55.8		"	50.0		112	70-130		0.0538	30	
Dibromochloromethane	49.5		"	50.0		99.0	10-200		2.20	30	
Dibromomethane	47.6		"	50.0		95.2	83-124		2.55	30	
Dichlorodifluoromethane	45.6		"	50.0		91.2	28-158		1.07	30	
Ethyl Benzene	49.8		"	50.0		99.7	84-125		1.60	30	
Hexachlorobutadiene	49.1		"	50.0		98.2	83-133		0.245	30	
Isopropylbenzene	48.8		"	50.0		97.5	81-127		1.11	30	
Methyl acetate	47.7		"	50.0		95.5	41-143		4.63	30	
Methyl tert-butyl ether (MTBE)	51.7		"	50.0		103	74-131		0.504	30	
Methylcyclohexane	49.8		"	50.0		99.7	70-130		1.48	30	
Methylene chloride	51.8		"	50.0		104	57-141		2.33	30	
n-Butylbenzene	49.1		"	50.0		98.1	80-130		1.19	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50497 - EPA 5035A											
LCS Dup (BA50497-BSD1) LCS Dup								Prepared & Analyzed: 01/08/2025			
n-Propylbenzene	48.1		ug/L	50.0		96.2	74-136		0.709	30	
o-Xylene	48.5		"	50.0		97.0	83-123		1.81	30	
p- & m- Xylenes	96.6		"	100		96.6	82-128		1.16	30	
p-Isopropyltoluene	49.4		"	50.0		98.9	85-125		1.20	30	
sec-Butylbenzene	48.6		"	50.0		97.1	83-125		1.08	30	
Styrene	50.7		"	50.0		101	86-126		1.39	30	
tert-Butyl alcohol (TBA)	256		"	250		102	70-130		3.13	30	
tert-Butylbenzene	42.1		"	50.0		84.2	80-127		0.739	30	
Tetrachloroethylene	39.8		"	50.0		79.7	80-129	Low Bias	0.126	30	
Toluene	48.9		"	50.0		97.8	85-121		1.61	30	
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132		0.359	30	
trans-1,3-Dichloropropylene	50.7		"	50.0		101	78-132		2.68	30	
Trichloroethylene	48.0		"	50.0		96.1	84-123		1.38	30	
Trichlorofluoromethane	51.7		"	50.0		103	62-140		0.425	30	
Vinyl Chloride	48.7		"	50.0		97.4	52-130		0.716	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
Batch BA50498 - EPA 5030B											
Blank (BA50498-BLK1) Blank								Prepared & Analyzed: 01/08/2025			
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	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50498 - EPA 5030B											
Blank (BA50498-BLK1) Blank									Prepared & Analyzed: 01/08/2025		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
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	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
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	*8.85*		*"*	*10.0*		*88.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50498 - EPA 5030B											
LCS (BA50498-BS1) LCS							Prepared & Analyzed: 01/08/2025				
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	8.83		"	10.0		88.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165				
1,1,2-Trichloroethane	8.45		"	10.0		84.5	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	12.1		"	10.0		121	68-138				
1,2,3-Trichlorobenzene	6.63		"	10.0		66.3	76-136	Low Bias			
1,2,3-Trichloropropane	8.80		"	10.0		88.0	77-128				
1,2,4-Trichlorobenzene	7.12		"	10.0		71.2	76-137	Low Bias			
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132				
1,2-Dibromo-3-chloropropane	7.32		"	10.0		73.2	45-147				
1,2-Dibromoethane	8.33		"	10.0		83.3	83-124				
1,2-Dichlorobenzene	9.13		"	10.0		91.3	79-123				
1,2-Dichloroethane	9.59		"	10.0		95.9	73-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	9.43		"	10.0		94.3	86-122				
1,4-Dichlorobenzene	9.13		"	10.0		91.3	85-124				
1,4-Dioxane	162		"	210		76.9	10-349				
2-Butanone	7.44		"	10.0		74.4	49-152				
2-Hexanone	6.76		"	10.0		67.6	51-146				
4-Methyl-2-pentanone	6.07		"	10.0		60.7	57-145				
Acetone	8.80		"	10.0		88.0	14-150				
Acrolein	5.73		"	10.0		57.3	10-153				
Acrylonitrile	8.25		"	10.0		82.5	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromochloromethane	9.64		"	10.0		96.4	77-128				
Bromodichloromethane	9.18		"	10.0		91.8	79-128				
Bromoform	7.93		"	10.0		79.3	78-133				
Bromomethane	11.9		"	10.0		119	43-168				
Carbon disulfide	11.9		"	10.0		119	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	9.51		"	10.0		95.1	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	9.78		"	10.0		97.8	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	8.89		"	10.0		88.9	80-131				
Cyclohexane	5.46		"	10.0		54.6	63-149	Low Bias			
Dibromochloromethane	8.87		"	10.0		88.7	80-130				
Dibromomethane	8.44		"	10.0		84.4	72-134				
Dichlorodifluoromethane	9.33		"	10.0		93.3	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	7.44		"	10.0		74.4	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl acetate	7.39		"	10.0		73.9	51-139				
Methyl tert-butyl ether (MTBE)	8.92		"	10.0		89.2	76-135				
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	9.64		"	10.0		96.4	55-137				
n-Butylbenzene	9.82		"	10.0		98.2	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

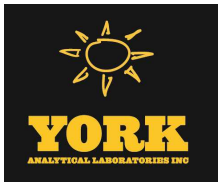
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50498 - EPA 5030B											
LCS (BA50498-BS1) LCS								Prepared & Analyzed: 01/08/2025			
n-Propylbenzene	10.8		ug/L	10.0		108	78-133				
o-Xylene	9.85		"	10.0		98.5	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	22.7		"	50.0		45.4	25-162				
tert-Butylbenzene	9.14		"	10.0		91.4	77-138				
Tetrachloroethylene	9.66		"	10.0		96.6	82-131				
Toluene	9.99		"	10.0		99.9	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	8.76		"	10.0		87.6	78-131				
Trichloroethylene	9.97		"	10.0		99.7	82-128				
Trichlorofluoromethane	11.4		"	10.0		114	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.76*		*"*	*10.0*		*87.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BA50498-BSD1) LCS Dup								Prepared & Analyzed: 01/08/2025			
1,1,1,2-Tetrachloroethane	9.91		ug/L	10.0		99.1	82-126		3.80	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		6.33	30	
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	76-129		4.21	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.7		"	10.0		137	54-165		9.15	30	
1,1,2-Trichloroethane	8.91		"	10.0		89.1	82-123		5.30	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		5.68	30	
1,1-Dichloroethylene	12.9		"	10.0		129	68-138		6.80	30	
1,2,3-Trichlorobenzene	7.19		"	10.0		71.9	76-136	Low Bias	8.10	30	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		4.23	30	
1,2,4-Trichlorobenzene	7.81		"	10.0		78.1	76-137		9.24	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		5.48	30	
1,2-Dibromo-3-chloropropane	7.62		"	10.0		76.2	45-147		4.02	30	
1,2-Dibromoethane	8.72		"	10.0		87.2	83-124		4.57	30	
1,2-Dichlorobenzene	9.78		"	10.0		97.8	79-123		6.87	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		6.16	30	
1,2-Dichloropropane	9.98		"	10.0		99.8	78-126		2.43	30	
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131		6.29	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		6.07	30	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124		5.33	30	
1,4-Dioxane	162		"	210		77.2	10-349		0.432	30	
2-Butanone	10.1		"	10.0		101	49-152		29.9	30	
2-Hexanone	6.94		"	10.0		69.4	51-146		2.63	30	
4-Methyl-2-pentanone	6.23		"	10.0		62.3	57-145		2.60	30	
Acetone	9.36		"	10.0		93.6	14-150		6.17	30	
Acrolein	5.76		"	10.0		57.6	10-153		0.522	30	
Acrylonitrile	8.59		"	10.0		85.9	51-150		4.04	30	
Benzene	11.7		"	10.0		117	85-126		6.92	30	
Bromochloromethane	10.4		"	10.0		104	77-128		7.10	30	
Bromodichloromethane	9.69		"	10.0		96.9	79-128		5.41	30	
Bromoform	8.18		"	10.0		81.8	78-133		3.10	30	
Bromomethane	12.4		"	10.0		124	43-168		3.96	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50498 - EPA 5030B											
LCS Dup (BA50498-BSD1) LCS Dup								Prepared & Analyzed: 01/08/2025			
Carbon disulfide	12.5		ug/L	10.0		125	68-146		5.41	30	
Carbon tetrachloride	12.1		"	10.0		121	77-141		6.30	30	
Chlorobenzene	9.90		"	10.0		99.0	88-120		4.02	30	
Chloroethane	11.5		"	10.0		115	65-136		6.38	30	
Chloroform	11.2		"	10.0		112	82-128		7.61	30	
Chloromethane	10.2		"	10.0		102	43-155		4.60	30	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	83-129		6.98	30	
cis-1,3-Dichloropropylene	9.46		"	10.0		94.6	80-131		6.21	30	
Cyclohexane	5.91		"	10.0		59.1	63-149	Low Bias	7.92	30	
Dibromochloromethane	9.15		"	10.0		91.5	80-130		3.11	30	
Dibromomethane	8.97		"	10.0		89.7	72-134		6.09	30	
Dichlorodifluoromethane	10.4		"	10.0		104	44-144		10.8	30	
Ethyl Benzene	11.0		"	10.0		110	80-131		5.33	30	
Hexachlorobutadiene	7.87		"	10.0		78.7	67-146		5.62	30	
Isopropylbenzene	11.4		"	10.0		114	76-140		4.57	30	
Methyl acetate	7.57		"	10.0		75.7	51-139		2.41	30	
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	76-135		5.77	30	
Methylcyclohexane	11.1		"	10.0		111	72-143		6.62	30	
Methylene chloride	10.4		"	10.0		104	55-137		7.30	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		6.88	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		4.08	30	
o-Xylene	10.3		"	10.0		103	78-130		4.17	30	
p- & m- Xylenes	21.4		"	20.0		107	77-133		5.73	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		6.57	30	
sec-Butylbenzene	11.2		"	10.0		112	79-137		6.17	30	
Styrene	10.6		"	10.0		106	67-132		4.14	30	
tert-Butyl alcohol (TBA)	21.5		"	50.0		43.0	25-162		5.47	30	
tert-Butylbenzene	9.70		"	10.0		97.0	77-138		5.94	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		5.54	30	
Toluene	10.5		"	10.0		105	80-127		5.36	30	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132		6.70	30	
trans-1,3-Dichloropropylene	9.22		"	10.0		92.2	78-131		5.12	30	
Trichloroethylene	10.5		"	10.0		105	82-128		4.80	30	
Trichlorofluoromethane	12.4		"	10.0		124	67-139		8.64	30	
Vinyl Chloride	11.1		"	10.0		111	58-145		7.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.87*		*"*	*10.0*		*88.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.48*		*"*	*10.0*		*94.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
Blank (BA50366-BLK1) Blank									Prepared & Analyzed: 01/08/2025		
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	0.0292	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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
Blank (BA50366-BLK1) Blank									Prepared & Analyzed: 01/08/2025		
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	*1.55*		"	*1.66*		*93.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		"	*1.66*		*87.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.551*		"	*0.831*		*66.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.630*		"	*0.831*		*75.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.53*		"	*1.66*		*92.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.650*		"	*0.831*		*78.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
LCS (BA50366-BS1) LCS							Prepared & Analyzed: 01/08/2025				
1,1-Biphenyl	0.594	0.0417	mg/kg wet	0.833		71.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.456	0.0833	"				21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.752	0.0417	"	0.833		90.2	17-137				
2,3,4,6-Tetrachlorophenol	0.761	0.0833	"	0.833		91.4	30-130				
2,4,5-Trichlorophenol	0.506	0.0417	"	0.833		60.8	27-118				
2,4,6-Trichlorophenol	0.462	0.0417	"	0.833		55.4	31-120				
2,4-Dichlorophenol	0.445	0.0417	"	0.833		53.4	20-127				
2,4-Dimethylphenol	0.610	0.0417	"	0.833		73.2	14-132				
2,4-Dinitrophenol	0.360	0.0833	"	0.833		43.2	10-171				
2,4-Dinitrotoluene	0.543	0.0417	"	0.833		65.2	34-131				
2,6-Dinitrotoluene	0.517	0.0417	"	0.833		62.0	31-128				
2-Chloronaphthalene	0.558	0.0417	"	0.833		66.9	31-117				
2-Chlorophenol	0.703	0.0417	"	0.833		84.4	33-113				
2-Methylnaphthalene	0.473	0.0417	"	0.833		56.8	12-138				
2-Methylphenol	0.598	0.0417	"	0.833		71.7	10-136				
2-Nitroaniline	0.721	0.0833	"	0.833		86.5	27-132				
2-Nitrophenol	0.531	0.0417	"	0.833		63.7	17-129				
3- & 4-Methylphenols	0.503	0.0417	"	0.833		60.4	29-103				
3,3-Dichlorobenzidine	0.862	0.0417	"	0.833		103	22-149				
3-Nitroaniline	0.721	0.0833	"	0.833		86.5	20-133				
4,6-Dinitro-2-methylphenol	0.429	0.0833	"	0.833		51.4	10-143				
4-Bromophenyl phenyl ether	0.526	0.0417	"	0.833		63.1	29-120				
4-Chloro-3-methylphenol	0.487	0.0417	"	0.833		58.4	24-129				
4-Chloroaniline	0.251	0.0417	"	0.833		30.2	10-132				
4-Chlorophenyl phenyl ether	0.430	0.0417	"	0.833		51.6	27-124				
4-Nitroaniline	0.596	0.0833	"	0.833		71.5	16-128				
4-Nitrophenol	0.526	0.0833	"	0.833		63.1	10-141				
Acenaphthene	0.557	0.0417	"	0.833		66.8	30-121				
Acenaphthylene	0.601	0.0417	"	0.833		72.1	30-115				
Acetophenone	0.553	0.0417	"	0.833		66.3	20-112				
Aniline	0.475	0.167	"	0.833		57.0	10-119				
Anthracene	0.562	0.0417	"	0.833		67.5	34-118				
Atrazine	0.573	0.0417	"	0.833		68.7	26-112				
Benzaldehyde	0.530	0.0417	"	0.833		63.6	21-100				
Benzo(a)anthracene	0.598	0.0417	"	0.833		71.7	32-122				
Benzo(a)pyrene	0.548	0.0417	"	0.833		65.8	29-133				
Benzo(b)fluoranthene	0.565	0.0417	"	0.833		67.8	25-133				
Benzo(g,h,i)perylene	0.645	0.0417	"	0.833		77.4	10-143				
Benzo(k)fluoranthene	0.565	0.0417	"	0.833		67.8	25-128				
Benzoic acid	0.367	0.0417	"	1.67		22.0	10-140				
Benzyl alcohol	0.546	0.0417	"	0.833		65.5	30-115				
Benzyl butyl phthalate	0.765	0.0417	"	0.833		91.8	26-126				
Bis(2-chloroethoxy)methane	0.511	0.0417	"	0.833		61.3	19-132				
Bis(2-chloroethyl)ether	0.523	0.0417	"	0.833		62.8	19-125				
Bis(2-chloroisopropyl)ether	0.597	0.0417	"	0.833		71.6	20-135				
Bis(2-ethylhexyl)phthalate	0.697	0.0417	"	0.833		83.6	10-155				
Caprolactam	0.639	0.0833	"	0.833		76.6	10-127				
Carbazole	0.592	0.0417	"	0.833		71.0	35-123				
Chrysene	0.567	0.0417	"	0.833		68.1	32-123				
Dibenzo(a,h)anthracene	0.601	0.0417	"	0.833		72.2	10-136				
Dibenzofuran	0.505	0.0417	"	0.833		60.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
LCS (BA50366-BS1) LCS							Prepared & Analyzed: 01/08/2025				
Diethyl phthalate	0.590	0.0417	mg/kg wet	0.833		70.8	34-116				
Dimethyl phthalate	0.528	0.0417	"	0.833		63.4	35-124				
Di-n-butyl phthalate	0.712	0.0417	"	0.833		85.4	31-116				
Di-n-octyl phthalate	0.776	0.0417	"	0.833		93.1	26-136				
Diphenylamine	0.772	0.0833	"	0.833		92.7	40-140				
Fluoranthene	0.523	0.0417	"	0.833		62.8	33-122				
Fluorene	0.525	0.0417	"	0.833		63.0	29-123				
Hexachlorobenzene	0.797	0.0417	"	0.833		95.7	21-124				
Hexachlorobutadiene	0.361	0.0417	"	0.833		43.4	10-149				
Hexachlorocyclopentadiene	0.335	0.0417	"	0.833		40.2	10-129				
Hexachloroethane	0.612	0.0417	"	0.833		73.5	28-108				
Indeno(1,2,3-cd)pyrene	0.608	0.0417	"	0.833		72.9	10-135				
Isophorone	0.445	0.0417	"	0.833		53.4	20-132				
Naphthalene	0.559	0.0417	"	0.833		67.1	23-124				
Nitrobenzene	0.452	0.0417	"	0.833		54.2	13-132				
N-Nitrosodimethylamine	0.515	0.0417	"	0.833		61.8	11-129				
N-nitroso-di-n-propylamine	0.485	0.0417	"	0.833		58.2	24-119				
N-Nitrosodiphenylamine	0.736	0.0417	"	0.833		88.3	22-152				
Pentachlorophenol	0.327	0.0417	"	0.833		39.2	10-139				
Phenanthrene	0.581	0.0417	"	0.833		69.8	33-123				
Phenol	0.531	0.0417	"	0.833		63.7	23-115				
Pyrene	0.584	0.0417	"	0.833		70.1	24-130				
Pyridine	0.399	0.167	"	0.833		47.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.26*		"	*1.67*		*75.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		"	*1.67*		*66.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.444*		"	*0.833*		*53.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.513*		"	*0.833*		*61.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.15*		"	*1.67*		*68.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.530*		"	*0.833*		*63.6*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
Matrix Spike (BA50366-MS1) Matrix Spike	*Source sample: 25A0314-05 (SB21_6-8)							Prepared & Analyzed: 01/08/2025			
1,1-Biphenyl	0.648	0.0894	mg/kg dry	0.893	ND	72.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.495	0.179	"		ND		10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.783	0.0894	"	0.893	ND	87.7	10-144				
2,3,4,6-Tetrachlorophenol	0.737	0.179	"	0.893	ND	82.5	30-130				
2,4,5-Trichlorophenol	0.527	0.0894	"	0.893	ND	59.0	10-127				
2,4,6-Trichlorophenol	0.528	0.0894	"	0.893	ND	59.1	10-132				
2,4-Dichlorophenol	0.509	0.0894	"	0.893	ND	57.0	10-128				
2,4-Dimethylphenol	0.549	0.0894	"	0.893	ND	61.5	10-137				
2,4-Dinitrophenol	0.274	0.179	"	0.893	ND	30.6	10-171				
2,4-Dinitrotoluene	0.618	0.0894	"	0.893	ND	69.2	16-135				
2,6-Dinitrotoluene	0.525	0.0894	"	0.893	ND	58.8	18-131				
2-Chloronaphthalene	0.574	0.0894	"	0.893	ND	64.3	10-129				
2-Chlorophenol	0.683	0.0894	"	0.893	ND	76.5	15-116				
2-Methylnaphthalene	0.507	0.0894	"	0.893	ND	56.8	10-147				
2-Methylphenol	0.599	0.0894	"	0.893	ND	67.1	10-136				
2-Nitroaniline	0.834	0.179	"	0.893	ND	93.4	10-137				
2-Nitrophenol	0.572	0.0894	"	0.893	ND	64.0	10-129				
3- & 4-Methylphenols	0.490	0.0894	"	0.893	ND	54.9	10-123				
3,3-Dichlorobenzidine	0.894	0.0894	"	0.893	ND	100	10-155				
3-Nitroaniline	0.834	0.179	"	0.893	ND	93.4	12-133				
4,6-Dinitro-2-methylphenol	0.401	0.179	"	0.893	ND	44.9	10-155				
4-Bromophenyl phenyl ether	0.597	0.0894	"	0.893	ND	66.8	14-128				
4-Chloro-3-methylphenol	0.562	0.0894	"	0.893	ND	62.9	10-134				
4-Chloroaniline	0.357	0.0894	"	0.893	ND	39.9	10-145				
4-Chlorophenyl phenyl ether	0.492	0.0894	"	0.893	ND	55.1	14-130				
4-Nitroaniline	0.626	0.179	"	0.893	ND	70.1	10-147				
4-Nitrophenol	0.608	0.179	"	0.893	ND	68.1	10-137				
Acenaphthene	0.589	0.0894	"	0.893	ND	65.9	10-146				
Acenaphthylene	0.652	0.0894	"	0.893	ND	73.0	10-134				
Acetophenone	0.572	0.0894	"	0.893	ND	64.1	10-116				
Aniline	0.485	0.358	"	0.893	ND	54.3	10-123				
Anthracene	0.594	0.0894	"	0.893	ND	66.6	10-142				
Atrazine	0.600	0.0894	"	0.893	ND	67.2	19-115				
Benzaldehyde	0.525	0.0894	"	0.893	ND	58.8	10-125				
Benzo(a)anthracene	0.646	0.0894	"	0.893	ND	72.3	10-158				
Benzo(a)pyrene	0.597	0.0894	"	0.893	ND	66.9	10-180				
Benzo(b)fluoranthene	0.621	0.0894	"	0.893	ND	69.5	10-200				
Benzo(g,h,i)perylene	0.658	0.0894	"	0.893	ND	73.7	10-138				
Benzo(k)fluoranthene	0.602	0.0894	"	0.893	ND	67.4	10-197				
Benzoic acid	0.220	0.0894	"	1.79	ND	12.3	10-166				
Benzyl alcohol	0.584	0.0894	"	0.893	ND	65.4	12-124				
Benzyl butyl phthalate	0.783	0.0894	"	0.893	ND	87.7	10-154				
Bis(2-chloroethoxy)methane	0.540	0.0894	"	0.893	ND	60.5	10-132				
Bis(2-chloroethyl)ether	0.534	0.0894	"	0.893	ND	59.8	10-119				
Bis(2-chloroisopropyl)ether	0.636	0.0894	"	0.893	ND	71.2	10-139				
Bis(2-ethylhexyl)phthalate	0.840	0.0894	"	0.893	ND	94.1	10-167				
Caprolactam	0.631	0.179	"	0.893	ND	70.6	10-132				
Carbazole	0.626	0.0894	"	0.893	ND	70.1	10-167				
Chrysene	0.609	0.0894	"	0.893	ND	68.2	10-156				
Dibenzo(a,h)anthracene	0.639	0.0894	"	0.893	ND	71.5	10-137				
Dibenzofuran	0.552	0.0894	"	0.893	ND	61.8	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
Matrix Spike (BA50366-MS1) Matrix Spike	*Source sample: 25A0314-05 (SB21_6-8)							Prepared & Analyzed: 01/08/2025			
Diethyl phthalate	0.652	0.0894	mg/kg dry	0.893	ND	73.0	20-120				
Dimethyl phthalate	0.589	0.0894	"	0.893	ND	66.0	18-131				
Di-n-butyl phthalate	0.780	0.0894	"	0.893	ND	87.4	10-137				
Di-n-octyl phthalate	0.829	0.0894	"	0.893	ND	92.8	10-180				
Diphenylamine	0.805	0.179	"	0.893	ND	90.1	40-140				
Fluoranthene	0.587	0.0894	"	0.893	ND	65.8	10-160				
Fluorene	0.573	0.0894	"	0.893	ND	64.2	10-157				
Hexachlorobenzene	0.804	0.0894	"	0.893	ND	90.0	10-137				
Hexachlorobutadiene	0.405	0.0894	"	0.893	ND	45.4	10-132				
Hexachlorocyclopentadiene	0.288	0.0894	"	0.893	ND	32.2	10-106				
Hexachloroethane	0.647	0.0894	"	0.893	ND	72.5	10-110				
Indeno(1,2,3-cd)pyrene	0.718	0.0894	"	0.893	ND	80.4	10-144				
Isophorone	0.519	0.0894	"	0.893	ND	58.2	10-132				
Naphthalene	0.618	0.0894	"	0.893	ND	69.2	10-141				
Nitrobenzene	0.460	0.0894	"	0.893	ND	51.5	10-131				
N-Nitrosodimethylamine	0.521	0.0894	"	0.893	ND	58.3	10-126				
N-nitroso-di-n-propylamine	0.519	0.0894	"	0.893	ND	58.1	10-125				
N-Nitrosodiphenylamine	0.766	0.0894	"	0.893	ND	85.8	10-177				
Pentachlorophenol	0.319	0.0894	"	0.893	ND	35.7	10-153				
Phenanthrene	0.604	0.0894	"	0.893	ND	67.6	10-148				
Phenol	0.597	0.0894	"	0.893	ND	66.9	10-126				
Pyrene	0.649	0.0894	"	0.893	ND	72.7	10-165				
Pyridine	0.304	0.358	"	0.893	ND	34.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.10*		"	*1.79*		*61.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.07*		"	*1.79*		*60.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.444*		"	*0.893*		*49.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.498*		"	*0.893*		*55.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.79*		*76.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.580*		"	*0.893*		*65.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA50366 - EPA 3550C

Matrix Spike Dup (BA50366-M Matrix Spike Dup *Source sample: 25A0314-05 (SB21_6-8) Prepared & Analyzed: 01/08/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.651	0.0894	mg/kg dry	0.893	ND	72.9	10-130		0.440	30	
1,2,4,5-Tetrachlorobenzene	0.501	0.179	"		ND		10-133		1.15	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.824	0.0894	"	0.893	ND	92.2	10-144		5.07	30	
2,3,4,6-Tetrachlorophenol	0.801	0.179	"	0.893	ND	89.7	30-130		8.36	30	
2,4,5-Trichlorophenol	0.520	0.0894	"	0.893	ND	58.2	10-127		1.36	30	
2,4,6-Trichlorophenol	0.472	0.0894	"	0.893	ND	52.9	10-132		11.1	30	
2,4-Dichlorophenol	0.450	0.0894	"	0.893	ND	50.4	10-128		12.4	30	
2,4-Dimethylphenol	0.659	0.0894	"	0.893	ND	73.8	10-137		18.1	30	
2,4-Dinitrophenol	0.323	0.179	"	0.893	ND	36.2	10-171		16.5	30	
2,4-Dinitrotoluene	0.598	0.0894	"	0.893	ND	67.0	16-135		3.29	30	
2,6-Dinitrotoluene	0.575	0.0894	"	0.893	ND	64.4	18-131		9.09	30	
2-Chloronaphthalene	0.563	0.0894	"	0.893	ND	63.0	10-129		2.01	30	
2-Chlorophenol	0.739	0.0894	"	0.893	ND	82.7	15-116		7.84	30	
2-Methylnaphthalene	0.516	0.0894	"	0.893	ND	57.8	10-147		1.68	30	
2-Methylphenol	0.628	0.0894	"	0.893	ND	70.3	10-136		4.66	30	
2-Nitroaniline	0.752	0.179	"	0.893	ND	84.2	10-137		10.3	30	
2-Nitrophenol	0.542	0.0894	"	0.893	ND	60.6	10-129		5.39	30	
3- & 4-Methylphenols	0.572	0.0894	"	0.893	ND	64.1	10-123		15.5	30	
3,3-Dichlorobenzidine	0.938	0.0894	"	0.893	ND	105	10-155		4.84	30	
3-Nitroaniline	0.752	0.179	"	0.893	ND	84.2	12-133		10.3	30	
4,6-Dinitro-2-methylphenol	0.437	0.179	"	0.893	ND	48.9	10-155		8.53	30	
4-Bromophenyl phenyl ether	0.543	0.0894	"	0.893	ND	60.8	14-128		9.40	30	
4-Chloro-3-methylphenol	0.519	0.0894	"	0.893	ND	58.1	10-134		7.94	30	
4-Chloroaniline	0.385	0.0894	"	0.893	ND	43.1	10-145		7.71	30	
4-Chlorophenyl phenyl ether	0.481	0.0894	"	0.893	ND	53.8	14-130		2.35	30	
4-Nitroaniline	0.637	0.179	"	0.893	ND	71.4	10-147		1.81	30	
4-Nitrophenol	0.678	0.179	"	0.893	ND	75.9	10-137		10.9	30	
Acenaphthene	0.579	0.0894	"	0.893	ND	64.9	10-146		1.59	30	
Acenaphthylene	0.661	0.0894	"	0.893	ND	74.0	10-134		1.42	30	
Acetophenone	0.593	0.0894	"	0.893	ND	66.4	10-116		3.56	30	
Aniline	0.508	0.358	"	0.893	ND	56.9	10-123		4.60	30	
Anthracene	0.601	0.0894	"	0.893	ND	67.3	10-142		1.08	30	
Atrazine	0.587	0.0894	"	0.893	ND	65.7	19-115		2.29	30	
Benzaldehyde	0.564	0.0894	"	0.893	ND	63.2	10-125		7.21	30	
Benzo(a)anthracene	0.629	0.0894	"	0.893	ND	70.5	10-158		2.58	30	
Benzo(a)pyrene	0.641	0.0894	"	0.893	ND	71.8	10-180		7.04	30	
Benzo(b)fluoranthene	0.614	0.0894	"	0.893	ND	68.8	10-200		1.04	30	
Benzo(g,h,i)perylene	0.655	0.0894	"	0.893	ND	73.4	10-138		0.435	30	
Benzo(k)fluoranthene	0.592	0.0894	"	0.893	ND	66.3	10-197		1.56	30	
Benzoic acid	0.170	0.0894	"	1.79	ND	9.52	10-166	Low Bias	25.6	30	
Benzyl alcohol	0.558	0.0894	"	0.893	ND	62.5	12-124		4.63	30	
Benzyl butyl phthalate	0.801	0.0894	"	0.893	ND	89.7	10-154		2.26	30	
Bis(2-chloroethoxy)methane	0.544	0.0894	"	0.893	ND	60.9	10-132		0.659	30	
Bis(2-chloroethyl)ether	0.557	0.0894	"	0.893	ND	62.3	10-119		4.19	30	
Bis(2-chloroisopropyl)ether	0.651	0.0894	"	0.893	ND	72.9	10-139		2.33	30	
Bis(2-ethylhexyl)phthalate	0.830	0.0894	"	0.893	ND	92.9	10-167		1.28	30	
Caprolactam	0.711	0.179	"	0.893	ND	79.6	10-132		11.9	30	
Carbazole	0.634	0.0894	"	0.893	ND	71.0	10-167		1.36	30	
Chrysene	0.617	0.0894	"	0.893	ND	69.1	10-156		1.40	30	
Dibenzo(a,h)anthracene	0.684	0.0894	"	0.893	ND	76.6	10-137		6.91	30	
Dibenzofuran	0.541	0.0894	"	0.893	ND	60.6	10-147		2.09	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

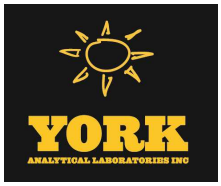
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50366 - EPA 3550C											
Matrix Spike Dup (BA50366-M Matrix Spike Dup	*Source sample: 25A0314-05 (SB21_6-8)								Prepared & Analyzed: 01/08/2025		
Diethyl phthalate	0.684	0.0894	mg/kg dry	0.893	ND	76.6	20-120		4.71	30	
Dimethyl phthalate	0.599	0.0894	"	0.893	ND	67.1	18-131		1.68	30	
Di-n-butyl phthalate	0.765	0.0894	"	0.893	ND	85.7	10-137		1.94	30	
Di-n-octyl phthalate	0.852	0.0894	"	0.893	ND	95.4	10-180		2.72	30	
Diphenylamine	0.822	0.179	"	0.893	ND	92.1	40-140		2.20	30	
Fluoranthene	0.595	0.0894	"	0.893	ND	66.6	10-160		1.33	30	
Fluorene	0.582	0.0894	"	0.893	ND	65.1	10-157		1.49	30	
Hexachlorobenzene	0.746	0.0894	"	0.893	ND	83.5	10-137		7.47	30	
Hexachlorobutadiene	0.350	0.0894	"	0.893	ND	39.2	10-132		14.6	30	
Hexachlorocyclopentadiene	0.305	0.0894	"	0.893	ND	34.2	10-106		5.78	30	
Hexachloroethane	0.693	0.0894	"	0.893	ND	77.6	10-110		6.82	30	
Indeno(1,2,3-cd)pyrene	0.795	0.0894	"	0.893	ND	89.0	10-144		10.1	30	
Isophorone	0.484	0.0894	"	0.893	ND	54.2	10-132		7.12	30	
Naphthalene	0.577	0.0894	"	0.893	ND	64.6	10-141		6.94	30	
Nitrobenzene	0.490	0.0894	"	0.893	ND	54.9	10-131		6.32	30	
N-Nitrosodimethylamine	0.568	0.0894	"	0.893	ND	63.6	10-126		8.66	30	
N-nitroso-di-n-propylamine	0.529	0.0894	"	0.893	ND	59.2	10-125		1.91	30	
N-Nitrosodiphenylamine	0.832	0.0894	"	0.893	ND	93.2	10-177		8.31	30	
Pentachlorophenol	0.299	0.0894	"	0.893	ND	33.5	10-153		6.24	30	
Phenanthrene	0.619	0.0894	"	0.893	ND	69.3	10-148		2.45	30	
Phenol	0.552	0.0894	"	0.893	ND	61.8	10-126		7.83	30	
Pyrene	0.657	0.0894	"	0.893	ND	73.5	10-165		1.09	30	
Pyridine	0.197	0.358	"	0.893	ND	22.1	10-83		42.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.29*		"	*1.79*		*72.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.10*		"	*1.79*		*61.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.426*		"	*0.893*		*47.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.529*		"	*0.893*		*59.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.29*		"	*1.79*		*72.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.557*		"	*0.893*		*62.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50384 - EPA 3550C											
Blank (BA50384-BLK1) Blank								Prepared & Analyzed: 01/08/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*436*		*"*	*495*		*88.0*	*39-127.5*				
LCS (BA50384-BS1) LCS								Prepared & Analyzed: 01/08/2025			
1,4-Dioxane	485	19.8	ug/kg	495		98.0	40-130				
Surrogate: 1,4-Dioxane-d8	*495*		*"*	*495*		*100*	*39-127.5*				
Matrix Spike (BA50384-MS1) Matrix Spike *Source sample: 25A0314-01 (SB20_0-2)								Prepared & Analyzed: 01/08/2025			
1,4-Dioxane	520	19.8	ug/kg	495	ND	105	40-130				
Surrogate: 1,4-Dioxane-d8	*396*		*"*	*495*		*80.0*	*40-130*				
Matrix Spike Dup (BA50384-M Matrix Spike Dup *Source sample: 25A0314-01 (SB20_0-2)								Prepared & Analyzed: 01/08/2025			
1,4-Dioxane	484	19.8	ug/kg	495	ND	97.8	40-130		7.10	30	
Surrogate: 1,4-Dioxane-d8	*446*		*"*	*495*		*90.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50329 - EPA 1633 Prep											
Blank (BA50329-BLK1) Blank									Prepared: 01/07/2025 Analyzed: 01/09/2025		
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	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
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	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.32*		"	*2.33*		*99.6*	*25-150*				
Surrogate: M5PFHxA	*2.36*		"	*2.50*		*94.7*	*25-150*				
Surrogate: M4PFHpA	*2.23*		"	*2.50*		*89.4*	*25-150*				
Surrogate: M3PFHxS	*1.93*		"	*2.37*		*81.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.21*		"	*2.50*		*88.4*	*25-150*				
Surrogate: M6PFDA	*0.862*		"	*1.25*		*69.1*	*25-150*				
Surrogate: M7PFUdA	*0.898*		"	*1.25*		*72.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.769*		"	*1.25*		*61.6*	*25-150*				
Surrogate: M2PFTeDA	*0.657*		"	*1.25*		*52.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

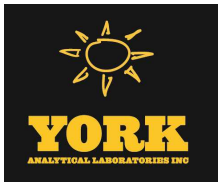
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50329 - EPA 1633 Prep											
Blank (BA50329-BLK1) Blank								Prepared: 01/07/2025 Analyzed: 01/09/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.92*		*ug/kg wet*	*9.98*		*39.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.74*		*"*	*2.39*		*72.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.38*		*"*	*4.99*		*87.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.63*		*"*	*2.50*		*65.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.19*		*"*	*4.99*		*63.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.22*		*"*	*4.99*		*64.5*	*25-150*				
Surrogate: M2-6:2 FTS	*2.66*		*"*	*4.75*		*56.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.45*		*"*	*4.79*		*51.1*	*25-200*				
Surrogate: M9PFNA	*1.09*		*"*	*1.25*		*87.7*	*25-150*				
Surrogate: M2-4:2 FTS	*3.72*		*"*	*4.68*		*79.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.50*		*45.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.50*		*42.8*	*25-150*				
Surrogate: M3HFPO-DA	*9.65*		*"*	*9.98*		*96.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.0*		*"*	*25.0*		*52.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.3*		*"*	*25.0*		*57.3*	*25-150*				
LCS (BA50329-BS1) LCS								Prepared: 01/07/2025 Analyzed: 01/09/2025			
Perfluorobutanesulfonic acid (PFBS)	3.24	0.176	ug/kg wet	3.52		92.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.68	0.199	"	3.98		92.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.71	0.199	"	3.98		93.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.43	0.182	"	3.64		94.4	50-150				
Perfluorooctanoic acid (PFOA)	3.18	0.199	"	3.98		80.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.07	0.185	"	3.70		82.9	50-150				
Perfluorononanoic acid (PFNA)	3.36	0.199	"	3.98		84.6	50-150				
Perfluorodecanoic acid (PFDA)	3.41	0.199	"	3.98		85.7	50-150				
Perfluoroundecanoic acid (PFUnA)	3.81	0.199	"	3.98		95.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.48	0.199	"	3.98		87.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.90	0.199	"	3.98		98.1	50-150				
Perfluorotetradecanoic acid (PFTA)	3.21	0.199	"	3.98		80.7	50-150				
N-MeFOSAA	3.93	0.199	"	3.98		98.8	50-150				
N-EtFOSAA	3.47	0.199	"	3.98		87.3	50-150				
Perfluoropentanoic acid (PFPeA)	7.29	0.398	"	7.95		91.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.04	0.199	"	3.98		102	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.19	0.199	"	3.80		84.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.63	0.192	"	3.84		68.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.0	0.755	"	15.1		92.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.763	"	15.3		93.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	0.795	"	15.9		86.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.04	0.354	"	7.08		85.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.74	0.398	"	7.95		84.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.04	0.398	"	7.95		13.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.54	0.398	"	7.95		107	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.65	0.187	"	3.74		97.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.2	0.746	"	14.9		94.9	50-150				
HFPO-DA (Gen-X)	7.54	0.795	"	7.95		94.8	50-150				
11CL-PF3OUdS	4.46	0.751	"	7.51		59.4	50-150				
9CL-PF3ONS	5.80	0.744	"	7.44		78.0	50-150				
ADONA	6.69	0.751	"	7.51		89.0	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50329 - EPA 1633 Prep											
LCS (BA50329-BS1) LCS								Prepared: 01/07/2025 Analyzed: 01/09/2025			
Perfluorododecanesulfonic acid (PFDoS)	1.86	0.193	ug/kg wet	3.86		48.3	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.74	0.191	"	3.82		98.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.0	0.994	"	15.9		81.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	76.2	4.97	"	79.5		95.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	68.4	4.97	"	79.5		86.1	50-150				
N-MeFOSE	39.6	1.99	"	39.8		99.6	50-150				
N-MeFOSA	3.98	0.199	"	3.98		100	50-150				
N-EtFOSE	34.0	1.99	"	39.8		85.4	50-150				
N-EtFOSA	2.97	0.199	"	3.98		74.6	50-150				
Surrogate: M3PFBS	*2.27*		*"*	*2.32*		*98.1*	*25-150*				
Surrogate: M5PFHxA	*2.35*		*"*	*2.49*		*94.6*	*25-150*				
Surrogate: M4PFHpA	*2.12*		*"*	*2.49*		*85.2*	*25-150*				
Surrogate: M3PFHxS	*2.15*		*"*	*2.36*		*91.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.17*		*"*	*2.49*		*87.2*	*25-150*				
Surrogate: M6PFDA	*0.936*		*"*	*1.24*		*75.4*	*25-150*				
Surrogate: M7PFUdA	*0.872*		*"*	*1.24*		*70.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.817*		*"*	*1.24*		*65.8*	*25-150*				
Surrogate: M2PFTeDA	*0.732*		*"*	*1.24*		*58.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.862*		*"*	*9.94*		*8.67*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.00*		*"*	*2.38*		*84.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.49*		*"*	*4.97*		*70.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		*"*	*2.49*		*81.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.78*		*"*	*4.97*		*76.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.08*		*"*	*4.97*		*82.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.16*		*"*	*4.73*		*66.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.02*		*"*	*4.77*		*63.4*	*25-200*				
Surrogate: M9PFNA	*0.959*		*"*	*1.24*		*77.2*	*25-150*				
Surrogate: M2-4:2 FTS	*3.65*		*"*	*4.66*		*78.4*	*25-150*				
Surrogate: d-N-MeFOSA	*1.24*		*"*	*2.49*		*49.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.30*		*"*	*2.49*		*52.3*	*25-150*				
Surrogate: M3HFPO-DA	*9.47*		*"*	*9.94*		*95.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.5*		*"*	*24.9*		*62.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.8*		*"*	*24.9*		*63.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50329 - EPA 1633 Prep											
LCS (BA50329-BS2) LCS								Prepared: 01/07/2025 Analyzed: 01/09/2025			
Perfluorobutanesulfonic acid (PFBS)	0.350	0.177	ug/kg wet	0.354		98.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.365	0.200	"	0.400		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.392	0.200	"	0.400		98.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.353	0.183	"	0.366		96.6	50-150				
Perfluorooctanoic acid (PFOA)	0.311	0.200	"	0.400		77.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.358	0.186	"	0.372		96.3	50-150				
Perfluorononanoic acid (PFNA)	0.322	0.200	"	0.400		80.4	50-150				
Perfluorodecanoic acid (PFDA)	0.322	0.200	"	0.400		80.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.351	0.200	"	0.400		87.7	50-150				
Perfluorododecanoic acid (PFDoA)	0.362	0.200	"	0.400		90.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.509	0.200	"	0.400		127	50-150				
Perfluorotetradecanoic acid (PFTA)	0.341	0.200	"	0.400		85.2	50-150				
N-MeFOSAA	0.390	0.200	"	0.400		97.4	50-150				
N-EtFOSAA	0.406	0.200	"	0.400		102	50-150				
Perfluoropentanoic acid (PFPeA)	0.702	0.400	"	0.800		87.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.424	0.200	"	0.400		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.388	0.200	"	0.382		101	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.271	0.193	"	0.386		70.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.49	0.760	"	1.52		97.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.66	0.768	"	1.54		108	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.40	0.800	"	1.60		87.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.613	0.356	"	0.712		86.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.590	0.400	"	0.800		73.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.124	0.400	"	0.800		15.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.891	0.400	"	0.800		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.380	0.188	"	0.376		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.53	0.750	"	1.50		102	50-150				
HFPO-DA (Gen-X)	0.829	0.800	"	0.800		104	50-150				
11CL-PF3OUdS	0.444	0.756	"	0.756		58.7	50-150				
9CL-PF3ONS	0.627	0.748	"	0.748		83.8	50-150				
ADONA	0.716	0.756	"	0.756		94.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.240	0.194	"	0.388		61.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.397	0.192	"	0.384		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.42	1.00	"	1.60		88.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.80	5.00	"	8.00		97.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	6.51	5.00	"	8.00		81.4	50-150				
N-MeFOSE	4.27	2.00	"	4.00		107	50-150				
N-MeFOSA	0.450	0.200	"	0.400		113	50-150				
N-EtFOSE	4.28	2.00	"	4.00		107	50-150				
N-EtFOSA	0.274	0.200	"	0.400		68.5	50-150				
Surrogate: M3PFBS	*2.51*		"	*2.33*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.53*		"	*2.50*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.26*		"	*2.50*		*90.5*	*25-150*				
Surrogate: M3PFHxS	*2.42*		"	*2.37*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.59*		"	*2.50*		*104*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.25*		*95.0*	*25-150*				
Surrogate: M7PFUdA	*0.939*		"	*1.25*		*75.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.928*		"	*1.25*		*74.2*	*25-150*				
Surrogate: M2PFTeDA	*0.712*		"	*1.25*		*57.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50329 - EPA 1633 Prep											
LCS (BA50329-BS2) LCS									Prepared: 01/07/2025 Analyzed: 01/09/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.694*		*ug/kg wet*	*10.0*		*6.94*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.89*		*"*	*2.40*		*79.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.70*		*"*	*5.00*		*74.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.06*		*"*	*2.50*		*82.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.09*		*"*	*5.00*		*81.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.13*		*"*	*5.00*		*82.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.28*		*"*	*4.76*		*69.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.28*		*"*	*4.80*		*68.3*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.25*		*93.2*	*25-150*				
Surrogate: M2-4:2 FTS	*3.89*		*"*	*4.69*		*82.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.21*		*"*	*2.50*		*48.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.33*		*"*	*2.50*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.73*		*"*	*10.0*		*97.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.7*		*"*	*25.0*		*62.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.0*		*"*	*25.0*		*64.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50360 - EPA 3550C											
Blank (BA50360-BLK1) Blank								Prepared & Analyzed: 01/08/2025			
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	*0.0389*		*"*	*0.0664*		*58.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0418*		*"*	*0.0664*		*62.9*	*30-150*				
LCS (BA50360-BS1) LCS								Prepared & Analyzed: 01/08/2025			
4,4'-DDD	0.0150	0.00164	mg/kg wet	0.0249		60.3	40-140				
4,4'-DDE	0.0163	0.00164	"	0.0249		65.3	40-140				
4,4'-DDT	0.0142	0.00164	"	0.0249		56.9	40-140				
Aldrin	0.0165	0.00164	"	0.0249		66.1	40-140				
alpha-BHC	0.0156	0.00164	"	0.0249		62.6	40-140				
alpha-Chlordane	0.0162	0.00164	"	0.0249		65.2	40-140				
beta-BHC	0.0165	0.00164	"	0.0249		66.2	40-140				
delta-BHC	0.0135	0.00164	"	0.0249		54.2	40-140				
Dieldrin	0.0161	0.00164	"	0.0249		64.8	40-140				
Endosulfan I	0.0164	0.00164	"	0.0249		65.9	40-140				
Endosulfan II	0.0171	0.00164	"	0.0249		68.5	40-140				
Endosulfan sulfate	0.0154	0.00164	"	0.0249		61.7	40-140				
Endrin	0.0158	0.00164	"	0.0249		63.2	40-140				
Endrin aldehyde	0.0158	0.00164	"	0.0249		63.3	40-140				
Endrin ketone	0.0161	0.00164	"	0.0249		64.6	40-140				
gamma-BHC (Lindane)	0.0153	0.00164	"	0.0249		61.3	40-140				
gamma-Chlordane	0.0162	0.00164	"	0.0249		64.9	40-140				
Heptachlor	0.0155	0.00164	"	0.0249		62.1	40-140				
Heptachlor epoxide	0.0163	0.00164	"	0.0249		65.5	40-140				
Methoxychlor	0.0146	0.00164	"	0.0249		58.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0377*		*"*	*0.0664*		*56.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0408*		*"*	*0.0664*		*61.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50360 - EPA 3550C											
Matrix Spike (BA50360-MS1) Matrix Spike	*Source sample: 25A0314-04 (SB22_0-2)							Prepared & Analyzed: 01/08/2025			
4,4'-DDD	0.0205	0.00180	mg/kg dry	0.0273	ND	74.9	30-150				
4,4'-DDE	0.0218	0.00180	"	0.0273	ND	79.8	30-150				
4,4'-DDT	0.0201	0.00180	"	0.0273	ND	73.6	30-150				
Aldrin	0.0219	0.00180	"	0.0273	ND	80.3	30-150				
alpha-BHC	0.0209	0.00180	"	0.0273	ND	76.5	30-150				
alpha-Chlordane	0.0217	0.00180	"	0.0273	ND	79.3	30-150				
beta-BHC	0.0215	0.00180	"	0.0273	ND	78.6	30-150				
delta-BHC	0.0183	0.00180	"	0.0273	ND	66.9	30-150				
Dieldrin	0.0217	0.00180	"	0.0273	ND	79.3	30-150				
Endosulfan I	0.0218	0.00180	"	0.0273	ND	79.9	30-150				
Endosulfan II	0.0229	0.00180	"	0.0273	ND	83.6	30-150				
Endosulfan sulfate	0.0209	0.00180	"	0.0273	ND	76.4	30-150				
Endrin	0.0214	0.00180	"	0.0273	ND	78.2	30-150				
Endrin aldehyde	0.0215	0.00180	"	0.0273	ND	78.7	30-150				
Endrin ketone	0.0219	0.00180	"	0.0273	ND	80.1	30-150				
gamma-BHC (Lindane)	0.0204	0.00180	"	0.0273	ND	74.7	30-150				
gamma-Chlordane	0.0212	0.00180	"	0.0273	ND	77.6	30-150				
Heptachlor	0.0205	0.00180	"	0.0273	ND	74.9	30-150				
Heptachlor epoxide	0.0217	0.00180	"	0.0273	ND	79.2	30-150				
Methoxychlor	0.0208	0.00180	"	0.0273	ND	76.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0729*		*68.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0528*		*"*	*0.0729*		*72.4*	*30-150*				
Matrix Spike Dup (BA50360-M Matrix Spike Dup	*Source sample: 25A0314-04 (SB22_0-2)							Prepared & Analyzed: 01/08/2025			
4,4'-DDD	0.0199	0.00180	mg/kg dry	0.0273	ND	72.7	30-150		2.98	30	
4,4'-DDE	0.0211	0.00180	"	0.0273	ND	77.1	30-150		3.42	30	
4,4'-DDT	0.0198	0.00180	"	0.0273	ND	72.4	30-150		1.63	30	
Aldrin	0.0211	0.00180	"	0.0273	ND	77.3	30-150		3.84	30	
alpha-BHC	0.0201	0.00180	"	0.0273	ND	73.7	30-150		3.73	30	
alpha-Chlordane	0.0209	0.00180	"	0.0273	ND	76.6	30-150		3.49	30	
beta-BHC	0.0206	0.00180	"	0.0273	ND	75.4	30-150		4.21	30	
delta-BHC	0.0171	0.00180	"	0.0273	ND	62.7	30-150		6.43	30	
Dieldrin	0.0210	0.00180	"	0.0273	ND	76.7	30-150		3.35	30	
Endosulfan I	0.0214	0.00180	"	0.0273	ND	78.2	30-150		2.14	30	
Endosulfan II	0.0220	0.00180	"	0.0273	ND	80.6	30-150		3.64	30	
Endosulfan sulfate	0.0200	0.00180	"	0.0273	ND	73.3	30-150		4.13	30	
Endrin	0.0206	0.00180	"	0.0273	ND	75.5	30-150		3.55	30	
Endrin aldehyde	0.0210	0.00180	"	0.0273	ND	76.9	30-150		2.24	30	
Endrin ketone	0.0213	0.00180	"	0.0273	ND	77.9	30-150		2.78	30	
gamma-BHC (Lindane)	0.0196	0.00180	"	0.0273	ND	71.9	30-150		3.88	30	
gamma-Chlordane	0.0205	0.00180	"	0.0273	ND	75.0	30-150		3.43	30	
Heptachlor	0.0197	0.00180	"	0.0273	ND	72.2	30-150		3.62	30	
Heptachlor epoxide	0.0209	0.00180	"	0.0273	ND	76.6	30-150		3.39	30	
Methoxychlor	0.0205	0.00180	"	0.0273	ND	75.1	30-150		1.41	30	
Surrogate: Decachlorobiphenyl	*0.0484*		*"*	*0.0729*		*66.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0519*		*"*	*0.0729*		*71.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50360 - EPA 3550C											
Blank (BA50360-BLK2) Blank								Prepared & Analyzed: 01/08/2025			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0443*		*"*	*0.0667*		*66.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0347*		*"*	*0.0667*		*52.0*	*30-120*				
LCS (BA50360-BS2) LCS								Prepared & Analyzed: 01/08/2025			
Aroclor 1016	0.221	0.0166	mg/kg wet	0.332		66.6	40-130				
Aroclor 1260	0.223	0.0166	"	0.332		67.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0571*		*"*	*0.0664*		*86.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0369*		*"*	*0.0664*		*55.5*	*30-120*				
Matrix Spike (BA50360-MS2) Matrix Spike *Source sample: 25A0314-04 (SB22_0-2)								Prepared & Analyzed: 01/08/2025			
Aroclor 1016	0.275	0.0182	mg/kg dry	0.364	ND	75.4	40-140				
Aroclor 1260	0.273	0.0182	"	0.364	ND	75.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0528*		*"*	*0.0729*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0408*		*"*	*0.0729*		*56.0*	*30-120*				
Matrix Spike Dup (BA50360-M Matrix Spike Dup *Source sample: 25A0314-04 (SB22_0-2)								Prepared & Analyzed: 01/08/2025			
Aroclor 1016	0.270	0.0182	mg/kg dry	0.364	ND	74.1	40-140		1.82	50	
Aroclor 1260	0.268	0.0182	"	0.364	ND	73.5	40-140		1.94	50	
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0729*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0474*		*"*	*0.0729*		*65.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50466 - EPA 3550C/8151A											
Blank (BA50466-BLK1) Blank									Prepared: 01/09/2025 Analyzed: 01/11/2025		
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)	*0.449*		*"*	*0.415*		*108*	*21-150*				
LCS (BA50466-BS1) LCS									Prepared: 01/09/2025 Analyzed: 01/11/2025		
2,4,5-T	0.0706	0.0199	mg/kg wet	0.0664		106	10-120				
2,4,5-TP (Silvex)	0.0656	0.0199	"	0.0664		98.7	10-120				
2,4-D	0.0581	0.0199	"	0.0664		87.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.421*		*"*	*0.415*		*101*	*21-150*				
Matrix Spike (BA50466-MS1) Matrix Spike *Source sample: 25A0314-05 (SB21_6-8)									Prepared: 01/09/2025 Analyzed: 01/11/2025		
2,4,5-T	0.0589	0.0214	mg/kg dry	0.0714	ND	82.5	10-120				
2,4,5-TP (Silvex)	0.0607	0.0214	"	0.0714	ND	85.0	10-120				
2,4-D	0.0527	0.0214	"	0.0714	ND	73.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.456*		*"*	*0.447*		*102*	*21-150*				
Matrix Spike Dup (BA50466-M Matrix Spike Dup *Source sample: 25A0314-05 (SB21_6-8)									Prepared: 01/09/2025 Analyzed: 01/11/2025		
2,4,5-T	0.0518	0.0214	mg/kg dry	0.0714	ND	72.5	10-120		12.9	35	
2,4,5-TP (Silvex)	0.0429	0.0214	"	0.0714	ND	60.0	10-120		34.5	35	
2,4-D	0.0420	0.0214	"	0.0714	ND	58.8	10-118		22.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.315*		*"*	*0.447*		*70.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50500 - EPA 3050B											
Blank (BA50500-BLK1) Blank									Prepared: 01/09/2025 Analyzed: 01/10/2025		
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	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BA50500-SRM1) Reference									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	5770	4.17	mg/kg wet	7680		75.1	35.7-119				
Antimony	64.1	2.08	"	244		26.3	0-125				
Arsenic	237	1.25	"	283		83.6	70-99.5				
Barium	289	2.08	"	326		88.6	73.9-107.1				
Beryllium	162	0.042	"	175		92.6	75.4-107.4				
Cadmium	83.6	0.250	"	95.8		87.3	72.3-103.7				
Calcium	5130	4.17	"	5470		93.8	79.5-113.2				
Chromium	208	0.417	"	239		87.0	72.4-106.3				
Cobalt	138	0.333	"	150		92.0	76-107.3				
Copper	201	1.67	"	217		92.7	74.6-105.1				
Iron	6120	20.8	"	7360		83.1	53-127.9				
Lead	191	0.417	"	210		90.9	75.7-109.5				
Magnesium	1790	4.17	"	2080		85.9	67.3-111.1				
Manganese	254	0.417	"	290		87.5	73.4-107.3				
Nickel	301	0.830	"	329		91.4	74.5-106.7				
Potassium	1930	4.17	"	2330		83.0	60.9-111.6				
Selenium	272	2.08	"	281		96.8	77.6-115.7				
Silver	67.7	0.420	"	82.7		81.9	73.8-111.7				
Sodium	395	41.7	"	427		92.4	71.2-118.7				
Thallium	110	2.08	"	123		89.1	70.2-104.9				
Vanadium	164	0.830	"	192		85.2	68.8-107.8				
Zinc	229	2.08	"	260		88.2	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50440 - EPA 7473 soil											
Blank (BA50440-BLK1) Blank								Prepared: 01/08/2025 Analyzed: 01/09/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA50440-DUP1) Duplicate	*Source sample: 25A0314-01 (SB20_0-2)							Prepared: 01/08/2025 Analyzed: 01/09/2025			
Mercury	2.29	0.0361	mg/kg dry		1.84				21.9	35	
Matrix Spike (BA50440-MS1) Matrix Spike	*Source sample: 25A0314-01 (SB20_0-2)							Prepared: 01/08/2025 Analyzed: 01/09/2025			
Mercury	2.23		mg/kg	0.500	1.53	141	75-125	High Bias			
Reference (BA50440-SRM1) Reference								Prepared: 01/08/2025 Analyzed: 01/09/2025			
Mercury	23.833		mg/kg	24.9		95.7	64.7-118.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50375 - Analysis Preparation Soil												
Blank (BA50375-BLK1)	Blank								Prepared & Analyzed: 01/08/2025			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BA50375-DUP1)	Duplicate	*Source sample: 25A0314-05 (SB21_6-8)							Prepared & Analyzed: 01/08/2025			
Cyanide, total		ND	0.538	mg/kg dry		ND					15	
Matrix Spike (BA50375-MS1)	Matrix Spike	*Source sample: 25A0314-05 (SB21_6-8)							Prepared & Analyzed: 01/08/2025			
Cyanide, total		5.17	0.538	mg/kg dry	5.38	ND	96.1	79.6-107				
Matrix Spike Dup (BA50375-M	Matrix Spike Dup	*Source sample: 25A0314-05 (SB21_6-8)							Prepared & Analyzed: 01/08/2025			
Cyanide, total		5.41	0.538	mg/kg dry	5.38	ND	101	79.6-107		4.71	200	
Reference (BA50375-SRM1)	Reference								Prepared & Analyzed: 01/08/2025			
Cyanide, total		170		ug/mL	111		153	43.5-170				
Batch BA50386 - EPA SW846-3060												
Blank (BA50386-BLK1)	Blank								Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BA50386-DUP1)	Duplicate	*Source sample: 25A0314-06 (SB22_6-8)							Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent		ND	0.590	mg/kg dry		ND					35	
Matrix Spike (BA50386-MS1)	Matrix Spike	*Source sample: 25A0314-06 (SB22_6-8)							Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent		21.1	0.590	mg/kg dry	23.6	ND	89.4	75-125				
Matrix Spike Dup (BA50386-M	Matrix Spike Dup	*Source sample: 25A0314-06 (SB22_6-8)							Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent		18.5	0.590	mg/kg dry	23.6	ND	78.4	75-125		13.1	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50386 - EPA SW846-3060											
Reference (BA50386-SRM1) Reference									Prepared & Analyzed: 01/08/2025		
Chromium, Hexavalent	118		mg/L	227		52.0	42.3-157.7				
Batch BA50465 - Analysis Preparation Soil											
Blank (BA50465-BLK1) Blank									Prepared & Analyzed: 01/09/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA50465-SRM1) Reference									Prepared & Analyzed: 01/09/2025		
Cyanide, total	172		ug/mL	111		155	43.5-170				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0314-01	SB20_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0314-02	SB19_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0314-03	SB21_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0314-04	SB22_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0314-05	SB21_6-8	40mL Vial with Stir Bar-Cool 4° C
25A0314-06	SB22_6-8	40mL Vial with Stir Bar-Cool 4° C
25A0314-07	SODUP01_010725	40mL Vial with Stir Bar-Cool 4° C
25A0314-08	TB01_010725	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.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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).
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

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25A0314

Page 1 of 1

Report To:
Company: Langan NYC
Address: 368 W. 14th Avenue, New York, NY 10001
Phone.: 212-479-5400
Contact: Nick Palumbo
E-mail: NPALUMBO@Langan.com

Invoice To:
Company:
Address:
Phone.:
Contact: SAME
E-mail:

YOUR Project Name / Number
~~416-418 S. Waverly~~
198-200 Conover
1705622203

PO Number

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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.

Samples Collected by: (print AND sign your name) Logan Clements

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:	Part 375/TCL VOCs	~~Target~~ TCL SVOCs	PCBs	Pesticides	Herbicides	TAL Metals (including Hex + TAL Chromium)	Total Cyanide	PFAs	1,4-Dioxane			Grab or Comp. G/C
SB20_0-2	1/7/25	9:15	S	X		X								X	X	X	X	X	X	X	X	Y			
SB19_0-2		9:40		X		X																			
SB21_0-2		10:50		X		X																			
SB22_0-2		11:20		X		X																			
SB21_6-8		13:00		X		X																			
SB22_6-8		12:50		X		X																			
SODUP01_010725		—		X		X																			
~~TB01_010725~~	~~1/7/25~~	—																							
TB01_010725	1/7/25	—	AQ											X											

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

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:

Field Filtered [ ]
Lab Filtered [ ]

Comments: please cc: DATAMANAGEMENT@Langan.com, LGROSE@Langan.com & NPALUMBO@Langan.com on all deliverables

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.	L. Clements / Langan NYC	1.7.25 @ 14:30		
2.				
3.				
4.				

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1.				1/7/25 1430
2.				1/7/25 1542
3.				1/7/25 18:10
4.			Samples Received in LAB by	1-7-25 19:50

Temperature 2.1° Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 01/17/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0510

Report Date: 01/17/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0510

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 09, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A0510-01	SB19_5-7	Soil	01/09/2025	01/09/2025
25A0510-02	SB20_6-8	Soil	01/09/2025	01/09/2025
25A0510-03	TB02_010925	Water	01/09/2025	01/09/2025
25A0510-04	SOFB01_010925	Water	01/09/2025	01/09/2025
25A0510-05	SB16_0-2	Soil	01/09/2025	01/09/2025
25A0510-06	SB16_6-8	Soil	01/09/2025	01/09/2025

General Notes for York Project (SDG) No.: 25A0510

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  **Date:** 01/17/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

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	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:20	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*	*24-116*

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

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	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 13:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.127	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0605	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.856	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.862	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0708	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.679	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.694	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.355	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.724	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.697	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.796	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*68.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*14.3 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.4 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*87.0 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.8 %*		*25-150*

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:11	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*60.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*63.1 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:33	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0226	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

HERB, 8151 MASTER

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 (.*	*109 %*			*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**	**5440**		mg/kg dry	4.76	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.60**		mg/kg dry	1.43	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**35.3**		mg/kg dry	2.38	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.367**		mg/kg dry	0.048	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1660**		mg/kg dry	4.77	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**28.5**		mg/kg dry	0.477	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**18.0**		mg/kg dry	0.381	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**25.0**		mg/kg dry	1.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14000**		mg/kg dry	23.8	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**15.3**		mg/kg dry	0.477	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**19200**		mg/kg dry	4.77	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**293**		mg/kg dry	0.477	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**299**		mg/kg dry	0.949	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1350**	B	mg/kg dry	4.77	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.480	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

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**	**143**		mg/kg dry	47.7	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	0.949	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**145**		mg/kg dry	2.37	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0343	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.572	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**28.5**		mg/kg	0.500	1	Calculation	01/15/2025 15:29	01/15/2025 15:37	AD
							Certifications:			

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	0.572	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB19_5-7 **York Sample ID:** 25A0510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 9:30 am	01/09/2025

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**	**87.4**		%	0.100	1	SM 2540G	01/10/2025 07:49	01/10/2025 13:39	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	01/10/2025 11:38	01/10/2025 18:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

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	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	01/13/2025 07:47	01/14/2025 17:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.3 %*	*24-116*

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

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	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 13:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

PFAS, EPA 1633 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	0.124	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.772**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0695	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.667	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.348	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:04	AM

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:04	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:04	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:04	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*94.4 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*31.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*105 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*138 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*87.7 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.5 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.9 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.1 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.5 %*	*25-150*

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

PEST, 8081 MASTER **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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:28	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:47	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0223	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

HERB, 8151 MASTER

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 (.*	*103 %*			*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**	**5240**		mg/kg dry	4.69	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.82**		mg/kg dry	1.41	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**24.6**		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.341**		mg/kg dry	0.047	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1250**		mg/kg dry	4.69	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.0**		mg/kg dry	0.469	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**12.6**		mg/kg dry	0.375	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**22.1**		mg/kg dry	1.87	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13700**		mg/kg dry	23.4	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.469	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**16900**		mg/kg dry	4.69	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**206**		mg/kg dry	0.469	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**197**		mg/kg dry	0.934	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1160**	B	mg/kg dry	4.69	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

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**	**278**		mg/kg dry	46.9	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.1**		mg/kg dry	0.934	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**76.7**		mg/kg dry	2.33	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.198**		mg/kg dry	0.0337	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.562	1	EPA 7196A	01/13/2025 09:14	01/13/2025 16:02	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**23.0**		mg/kg	0.500	1	Calculation	01/15/2025 15:29	01/15/2025 15:37	AD
							Certifications:			

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	0.562	1	EPA 9014/9010C	01/13/2025 14:32	01/13/2025 19:05	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB20_6-8 **York Sample ID:** 25A0510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 12:30 pm	01/09/2025

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**	**88.9**		%	0.100	1	SM 2540G	01/10/2025 07:49	01/10/2025 13:39	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB02_010925 **York Sample ID:** 25A0510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

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	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_010925 **York Sample ID:** 25A0510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER **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	CCVE	ug/L	0.320	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE, ICVE	ug/L	0.365	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB02_010925 **York Sample ID:** 25A0510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER **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	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_010925 **York Sample ID:** 25A0510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER **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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*79-122*

Sample Information

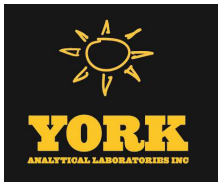
Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

VOA, 8260 LOW MASTER **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	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

VOA, 8260 LOW MASTER

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
108-10-1	4-Methyl-2-pentanone	ND	CCVE, ICVE	ug/L	0.365	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.46**		ug/L	1.34	2.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.10**		ug/L	0.245	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**13.5**		ug/L	0.243	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

VOA, 8260 LOW MASTER **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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

VOA, 8260 LOW MASTER

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
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/10/2025 11:00	01/10/2025 17:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

SVOA, 8270 LOW MASTER **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
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

SVOA, 8270 LOW MASTER

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
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 18:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

SVOA, 8270 SIM MASTER **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
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	QL-02, CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	QL-02, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

SVOA, 8270 SIM MASTER

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 17:47	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/14/2025 08:33	01/14/2025 14:46	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, EPA 1633 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	0.450	1.70	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.335	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.680	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.651	1.75	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.402	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.786	1.78	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.498	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.719	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.709	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.661	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:43	AM
								Certifications:	NJDEP-NY037		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

PFAS, EPA 1633 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
2355-31-9	N-MeFOSAA	ND		ng/L	0.757	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.987	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.872	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.19	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.367**	J	ng/L	0.316	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.479	3.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:43	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.05	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:43	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.240	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:43	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.354	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:43	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.728	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.09	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.671	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
919005-14-4	ADONA	ND		ng/L	0.508	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.891	1.86	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.824	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.79	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

PFAS, EPA 1633 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
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.02	24.0	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.07	24.0	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.92	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.92	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:43	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.85 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*82.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*80.4 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.9 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*89.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.4 %*		*25-150*

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

PEST, 8081 MASTER

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	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 03:27	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*52.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-150*

PCB, 8082 MASTER

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	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 01:28	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/13/2025 08:25	01/14/2025 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*86.2 %*			*30-150*					

Metals, Target Analyte, ICP

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	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.607**		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.907**		mg/L	0.556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0349**		mg/L	0.0278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SOFB01_010925 **York Sample ID:** 25A0510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Water	January 9, 2025 2:30 pm	01/09/2025

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/14/2025 10:40	01/14/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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		mg/L	0.0100	1	EPA 7196A	01/09/2025 19:24	01/09/2025 21:22	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/15/2025 15:58	01/15/2025 15:59	AD
							Certifications:			

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-201(	01/10/2025 14:48	01/10/2025 18:30	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.096	0.19	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0096	0.019	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0096	0.019	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0096	0.019	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0096	0.019	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.029	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

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	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.167**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.104**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.617**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**3.45**		mg/kg dry	0.231	0.461	10	EPA 8270E	01/13/2025 07:47	01/15/2025 13:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**2.37**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**2.13**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**1.61**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.94**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.160**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**4.15**		mg/kg dry	0.231	0.461	10	EPA 8270E	01/13/2025 07:47	01/15/2025 13:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.562**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0633**	J	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**7.41**		mg/kg dry	0.231	0.461	10	EPA 8270E	01/13/2025 07:47	01/15/2025 13:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER **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
86-73-7	**Fluorene**	**0.0825**	J	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.54**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**2.82**		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**8.34**		mg/kg dry	0.231	0.461	10	EPA 8270E	01/13/2025 07:47	01/15/2025 13:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.8 %*	*24-116*

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

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	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 14:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.123	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.109**	J	ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.149**	J	ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.921**		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.01**		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.254**		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.291**		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.209**	J	ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.205**	J	ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.228**	J	ug/kg dry	0.121	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.832	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.838	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0688	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.675	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 16:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.678	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 16:19	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*13.3 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*110 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*134 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*180 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*179 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*123 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*53.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*42.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.9 %*		*25-150*

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00229**		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00192**		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00249**		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	01/13/2025 08:48	01/15/2025 11:46	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*55.1 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:28	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

HERB, 8151 MASTER

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	01/10/2025 08:53	01/12/2025 11:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 11:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

HERB, 8151 MASTER

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 (.*	*83.0 %*			*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**	**7480**		mg/kg dry	4.68	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.68**		mg/kg dry	1.40	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**104**		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.493**		mg/kg dry	0.047	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7010**		mg/kg dry	4.68	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.468	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.32**		mg/kg dry	0.374	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**30.3**		mg/kg dry	1.87	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14800**		mg/kg dry	23.4	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**141**		mg/kg dry	0.468	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2360**		mg/kg dry	4.68	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**175**		mg/kg dry	0.468	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.5**		mg/kg dry	0.932	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1320**	B	mg/kg dry	4.68	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

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**	**73.2**		mg/kg dry	46.8	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.932	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**105**		mg/kg dry	2.33	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**1.12**		mg/kg dry	0.0337	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.561	1	EPA 7196A	01/13/2025 09:14	01/13/2025 16:02	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**16.5**		mg/kg	0.500	1	Calculation	01/15/2025 15:29	01/15/2025 15:37	AD
							Certifications:			

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**	**0.674**		mg/kg dry	0.561	1	EPA 9014/9010C	01/13/2025 14:32	01/13/2025 19:05	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB16_0-2 **York Sample ID:** 25A0510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 1:45 pm	01/09/2025

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**	**89.1**		%	0.100	1	SM 2540G	01/10/2025 07:46	01/10/2025 13:32	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D	01/10/2025 11:38	01/10/2025 19:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

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	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0952	0.190	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270E	01/13/2025 07:47	01/14/2025 18:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.0 %*	*24-116*

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

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	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 14:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 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	0.129	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0614	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.199	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.221	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.229	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.868	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.874	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0718	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.689	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.704	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.360	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 14:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.734	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.707	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 14:53	AM

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.232	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:53	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.807	2.32	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:53	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.232	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 14:53	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*129 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*130 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*105 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*85.4 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*127 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.8 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*100 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.0 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.9 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.4 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.0 %*	*25-150*

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

PEST, 8081 MASTER **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
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0378	5	EPA 8081B	01/13/2025 08:48	01/15/2025 12:03	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.7 %*	*30-150*

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	01/13/2025 08:48	01/14/2025 02:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

HERB, 8151 MASTER

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	0.0231	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0231	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0231	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*56.4 %*	*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**	**10200**		mg/kg dry	4.83	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

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
7440-38-2	**Arsenic**	**5.91**		mg/kg dry	1.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**27.5**		mg/kg dry	2.41	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.540**		mg/kg dry	0.049	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.290	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**504**		mg/kg dry	4.83	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.1**		mg/kg dry	0.484	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.45**		mg/kg dry	0.386	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.5**		mg/kg dry	1.93	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18300**		mg/kg dry	24.2	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.01**		mg/kg dry	0.484	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2470**		mg/kg dry	4.84	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**279**		mg/kg dry	0.484	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.963	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1180**	B	mg/kg dry	4.84	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.487	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	48.3	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.16	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.963	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**61.2**		mg/kg dry	2.41	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB16_6-8 **York Sample ID:** 25A0510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0510	170562203	Soil	January 9, 2025 2:15 pm	01/09/2025

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**	**0.208**		mg/kg dry	0.0348	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.580	1	EPA 7196A	01/13/2025 09:14	01/13/2025 16:02	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**14.1**		mg/kg	0.500	1	Calculation	01/15/2025 15:29	01/15/2025 15:37	AD
							Certifications:			

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	0.580	1	EPA 9014/9010C	01/13/2025 14:32	01/13/2025 19:05	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**86.2**		%	0.100	1	SM 2540G	01/13/2025 08:43	01/13/2025 13:14	SMM
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BA50521 **Preparation Method:** Analysis Preparation **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/09/25
BA50521-BLK1	Blank	01/09/25
BA50521-BS1	LCS	01/09/25

Batch ID: BA50542 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-05	SB16_0-2	01/10/25

Batch ID: BA50544 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/10/25
25A0510-02	SB20_6-8	01/10/25

Batch ID: BA50563 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/10/25
25A0510-04	SOFB01_010925	01/10/25
BA50563-BLK1	Blank	01/10/25
BA50563-BLK2	Blank	01/10/25
BA50563-BS1	LCS	01/10/25
BA50563-BS2	LCS	01/10/25
BA50563-BSD1	LCS Dup	01/10/25

Batch ID: BA50564 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/10/25
25A0510-02	SB20_6-8	01/10/25
25A0510-05	SB16_0-2	01/10/25
BA50564-BLK1	Blank	01/10/25
BA50564-BS1	LCS	01/10/25

Batch ID: BA50568 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/10/25
25A0510-02	SB20_6-8	01/10/25
25A0510-05	SB16_0-2	01/10/25
25A0510-06	SB16_6-8	01/10/25

BA50568-BLK1	Blank	01/10/25
BA50568-BS1	LCS	01/10/25
BA50568-MS2	Matrix Spike	01/10/25
BA50568-MSD2	Matrix Spike Dup	01/10/25

Batch ID: BA50596 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/10/25
BA50596-BLK1	Blank	01/10/25
BA50596-BS1	LCS	01/10/25

Batch ID: BA50650 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/12/25
BA50650-BLK1	Blank	01/12/25
BA50650-BS1	LCS	01/12/25
BA50650-BS2	LCS	01/12/25
BA50650-DUP1	Duplicate	01/12/25

Batch ID: BA50651 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/12/25
25A0510-05	SB16_0-2	01/12/25
25A0510-06	SB16_6-8	01/12/25
BA50651-BLK1	Blank	01/12/25
BA50651-BS1	LCS	01/12/25
BA50651-BS2	LCS	01/12/25

Batch ID: BA50656 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/13/25
25A0510-02	SB20_6-8	01/13/25
25A0510-05	SB16_0-2	01/13/25
25A0510-05RE1	SB16_0-2	01/13/25
25A0510-06	SB16_6-8	01/13/25
BA50656-BLK1	Blank	01/13/25
BA50656-BS1	LCS	01/13/25
BA50656-MS1	Matrix Spike	01/13/25
BA50656-MSD1	Matrix Spike Dup	01/13/25

Batch ID: BA50657 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-06	SB16_6-8	01/13/25

BA50657-BLK1	Blank	01/13/25
BA50657-BS1	LCS	01/13/25
BA50657-MS2	Matrix Spike	01/13/25
BA50657-MSD2	Matrix Spike Dup	01/13/25

Batch ID: BA50659 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/13/25
BA50659-BLK1	Blank	01/13/25
BA50659-SRM1	Reference	01/13/25

Batch ID: BA50665 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/13/25
BA50665-BLK1	Blank	01/13/25
BA50665-SRM1	Reference	01/13/25

Batch ID: BA50675 **Preparation Method:** EPA 8151A **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/13/25
BA50675-BLK1	Blank	01/13/25
BA50675-BS1	LCS	01/13/25

Batch ID: BA50677 **Preparation Method:** EPA 3510C **Prepared By:** DCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/13/25
BA50677-BLK1	Blank	01/13/25
BA50677-BLK2	Blank	01/13/25
BA50677-BS1	LCS	01/13/25
BA50677-BS2	LCS	01/13/25
BA50677-BSD1	LCS Dup	01/13/25

Batch ID: BA50680 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-06	SB16_6-8	01/13/25
BA50680-DUP1	Duplicate	01/13/25

Batch ID: BA50684 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/13/25
25A0510-01	SB19_5-7	01/13/25

25A0510-02	SB20_6-8	01/13/25
25A0510-02	SB20_6-8	01/13/25
25A0510-05	SB16_0-2	01/13/25
25A0510-05	SB16_0-2	01/13/25
25A0510-06	SB16_6-8	01/13/25
25A0510-06	SB16_6-8	01/13/25
BA50684-BLK1	Blank	01/13/25
BA50684-BLK2	Blank	01/13/25
BA50684-BS1	LCS	01/13/25
BA50684-BS2	LCS	01/13/25
BA50684-MS1	Matrix Spike	01/13/25
BA50684-MS2	Matrix Spike	01/13/25
BA50684-MSD1	Matrix Spike Dup	01/13/25
BA50684-MSD2	Matrix Spike Dup	01/13/25

Batch ID: BA50691 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-02	SB20_6-8	01/13/25
25A0510-05	SB16_0-2	01/13/25
25A0510-06	SB16_6-8	01/13/25
BA50691-BLK1	Blank	01/13/25
BA50691-DUP1	Duplicate	01/13/25
BA50691-MS1	Matrix Spike	01/13/25
BA50691-MSD1	Matrix Spike Dup	01/13/25
BA50691-SRM1	Reference	01/13/25

Batch ID: BA50707 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-02	SB20_6-8	01/13/25
25A0510-05	SB16_0-2	01/13/25
25A0510-06	SB16_6-8	01/13/25
BA50707-BLK1	Blank	01/13/25
BA50707-DUP1	Duplicate	01/13/25
BA50707-MS1	Matrix Spike	01/13/25
BA50707-MSD1	Matrix Spike Dup	01/13/25
BA50707-SRM1	Reference	01/13/25

Batch ID: BA50761 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/14/25
BA50761-BLK1	Blank	01/14/25
BA50761-BS1	LCS	01/14/25

Batch ID: BA50766 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date

25A0510-04	SOFB01_010925	01/14/25
BA50766-BLK1	Blank	01/14/25
BA50766-BS1	LCS	01/14/25

Batch ID: BA50767 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/14/25
BA50767-BLK1	Blank	01/14/25
BA50767-BS1	LCS	01/14/25

Batch ID: BA50775 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-02	SB20_6-8	01/14/25
25A0510-06RE1	SB16_6-8	01/14/25
BA50775-BLK1	Blank	01/14/25
BA50775-BS1	LCS	01/14/25
BA50775-BS2	LCS	01/14/25
BA50775-MS1	Matrix Spike	01/14/25
BA50775-MSD1	Matrix Spike Dup	01/14/25

Batch ID: BA50780 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/14/25
BA50780-BLK1	Blank	01/14/25
BA50780-BLK2	Blank	01/14/25
BA50780-BS1	LCS	01/14/25
BA50780-BS2	LCS	01/14/25

Batch ID: BA50791 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/14/25
25A0510-02	SB20_6-8	01/14/25
25A0510-05	SB16_0-2	01/14/25
25A0510-06	SB16_6-8	01/14/25
BA50791-BLK1	Blank	01/14/25
BA50791-DUP1	Duplicate	01/14/25
BA50791-MS1	Matrix Spike	01/14/25
BA50791-SRM1	Reference	01/14/25

Batch ID: BA50797 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/14/25
25A0510-02	SB20_6-8	01/14/25

25A0510-05	SB16_0-2	01/14/25
25A0510-06	SB16_6-8	01/14/25
BA50797-BLK1	Blank	01/14/25
BA50797-DUP1	Duplicate	01/14/25
BA50797-MS1	Matrix Spike	01/14/25
BA50797-PS1	Post Spike	01/14/25
BA50797-SRM1	Reference	01/14/25

Batch ID: BA50899 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/15/25
25A0510-02	SB20_6-8	01/15/25
25A0510-05	SB16_0-2	01/15/25
25A0510-06	SB16_6-8	01/15/25

Batch ID: BA50903 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-01	SB19_5-7	01/10/25
25A0510-02	SB20_6-8	01/10/25
25A0510-05	SB16_0-2	01/10/25
25A0510-06	SB16_6-8	01/10/25
BA50903-BLK1	Blank	01/10/25
BA50903-BS1	LCS	01/10/25
BA50903-BSD1	LCS Dup	01/10/25
BA50903-MS1	Matrix Spike	01/10/25
BA50903-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50908 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-04	SOFB01_010925	01/15/25

Batch ID: BA50911 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25A0510-03	TB02_010925	01/10/25
25A0510-04	SOFB01_010925	01/10/25
BA50911-BLK1	Blank	01/10/25
BA50911-BS1	LCS	01/10/25
BA50911-BSD1	LCS Dup	01/10/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
Blank (BA50903-BLK1) Blank									Prepared & Analyzed: 01/10/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
Blank (BA50903-BLK1) Blank								Prepared & Analyzed: 01/10/2025			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				
LCS (BA50903-BS1) LCS								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0		98.2	75-129				
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	49.2		"	50.0		98.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.7		"	50.0		115	58-146				
1,1,2-Trichloroethane	49.5		"	50.0		99.0	83-123				
1,1-Dichloroethane	53.9		"	50.0		108	75-130				
1,1-Dichloroethylene	58.9		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	46.8		"	50.0		93.7	81-140				
1,2,3-Trichloropropane	47.7		"	50.0		95.4	81-126				
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	80-141				
1,2,4-Trimethylbenzene	48.3		"	50.0		96.6	84-125				
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.3	74-142				
1,2-Dibromoethane	48.8		"	50.0		97.5	86-123				
1,2-Dichlorobenzene	45.7		"	50.0		91.4	85-122				
1,2-Dichloroethane	55.0		"	50.0		110	71-133				
1,2-Dichloropropane	49.4		"	50.0		98.7	81-122				
1,3,5-Trimethylbenzene	48.1		"	50.0		96.1	82-126				
1,3-Dichlorobenzene	45.7		"	50.0		91.3	84-124				
1,4-Dichlorobenzene	45.1		"	50.0		90.3	84-124				
1,4-Dioxane	1450		"	1050		138	10-228				
2-Butanone	51.6		"	50.0		103	58-147				
2-Hexanone	48.4		"	50.0		96.8	70-139				
4-Methyl-2-pentanone	37.7		"	50.0		75.4	72-132				
Acetone	34.5		"	50.0		69.0	36-155				
Acrolein	32.2		"	50.0		64.3	10-238				
Acrylonitrile	58.5		"	50.0		117	66-141				
Benzene	54.4		"	50.0		109	77-127				
Bromochloromethane	54.3		"	50.0		109	74-129				
Bromodichloromethane	51.1		"	50.0		102	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
LCS (BA50903-BS1) LCS							Prepared & Analyzed: 01/10/2025				
Bromoform	50.0		ug/L	50.0		99.9	80-136				
Bromomethane	48.8		"	50.0		97.7	32-177				
Carbon disulfide	58.3		"	50.0		117	10-136				
Carbon tetrachloride	55.3		"	50.0		111	66-143				
Chlorobenzene	47.1		"	50.0		94.3	86-120				
Chloroethane	56.3		"	50.0		113	51-142				
Chloroform	53.4		"	50.0		107	76-131				
Chloromethane	45.4		"	50.0		90.8	49-132				
cis-1,2-Dichloroethylene	55.3		"	50.0		111	74-132				
cis-1,3-Dichloropropylene	49.8		"	50.0		99.5	81-129				
Cyclohexane	58.2		"	50.0		116	70-130				
Dibromochloromethane	50.4		"	50.0		101	10-200				
Dibromomethane	48.2		"	50.0		96.4	83-124				
Dichlorodifluoromethane	40.4		"	50.0		80.7	28-158				
Ethyl Benzene	49.9		"	50.0		99.9	84-125				
Hexachlorobutadiene	48.0		"	50.0		96.0	83-133				
Isopropylbenzene	47.7		"	50.0		95.5	81-127				
Methyl acetate	50.4		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	74-131				
Methylcyclohexane	48.5		"	50.0		97.0	70-130				
Methylene chloride	54.9		"	50.0		110	57-141				
n-Butylbenzene	47.9		"	50.0		95.8	80-130				
n-Propylbenzene	47.5		"	50.0		95.1	74-136				
o-Xylene	48.3		"	50.0		96.6	83-123				
p- & m- Xylenes	96.9		"	100		96.9	82-128				
p-Isopropyltoluene	48.2		"	50.0		96.3	85-125				
sec-Butylbenzene	47.3		"	50.0		94.6	83-125				
Styrene	50.5		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	263		"	250		105	70-130				
tert-Butylbenzene	41.1		"	50.0		82.1	80-127				
Tetrachloroethylene	39.4		"	50.0		78.9	80-129	Low Bias			
Toluene	48.4		"	50.0		96.8	85-121				
trans-1,2-Dichloroethylene	55.5		"	50.0		111	72-132				
trans-1,3-Dichloropropylene	51.4		"	50.0		103	78-132				
Trichloroethylene	48.4		"	50.0		96.7	84-123				
Trichlorofluoromethane	53.9		"	50.0		108	62-140				
Vinyl Chloride	49.4		"	50.0		98.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
LCS Dup (BA50903-BSD1) LCS Dup							Prepared & Analyzed: 01/10/2025				
1,1,1,2-Tetrachloroethane	52.6		ug/L	50.0		105	75-129		6.96	30	
1,1,1-Trichloroethane	57.7		"	50.0		115	71-137		8.26	30	
1,1,2,2-Tetrachloroethane	54.0		"	50.0		108	79-129		9.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.4		"	50.0		125	58-146		7.89	30	
1,1,2-Trichloroethane	54.0		"	50.0		108	83-123		8.64	30	
1,1-Dichloroethane	59.2		"	50.0		118	75-130		9.33	30	
1,1-Dichloroethylene	64.4		"	50.0		129	64-137		8.87	30	
1,2,3-Trichlorobenzene	51.2		"	50.0		102	81-140		8.97	30	
1,2,3-Trichloropropane	51.8		"	50.0		104	81-126		8.28	30	
1,2,4-Trichlorobenzene	51.8		"	50.0		104	80-141		7.59	30	
1,2,4-Trimethylbenzene	52.7		"	50.0		105	84-125		8.75	30	
1,2-Dibromo-3-chloropropane	54.5		"	50.0		109	74-142		9.39	30	
1,2-Dibromoethane	53.2		"	50.0		106	86-123		8.59	30	
1,2-Dichlorobenzene	49.3		"	50.0		98.6	85-122		7.60	30	
1,2-Dichloroethane	59.4		"	50.0		119	71-133		7.87	30	
1,2-Dichloropropane	54.2		"	50.0		108	81-122		9.44	30	
1,3,5-Trimethylbenzene	53.0		"	50.0		106	82-126		9.68	30	
1,3-Dichlorobenzene	48.9		"	50.0		97.8	84-124		6.87	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		7.59	30	
1,4-Dioxane	1620		"	1050		155	10-228		11.4	30	
2-Butanone	56.5		"	50.0		113	58-147		9.23	30	
2-Hexanone	53.9		"	50.0		108	70-139		10.7	30	
4-Methyl-2-pentanone	41.9		"	50.0		83.7	72-132		10.5	30	
Acetone	37.6		"	50.0		75.2	36-155		8.60	30	
Acrolein	34.4		"	50.0		68.8	10-238		6.73	30	
Acrylonitrile	64.1		"	50.0		128	66-141		9.13	30	
Benzene	59.1		"	50.0		118	77-127		8.42	30	
Bromochloromethane	58.6		"	50.0		117	74-129		7.72	30	
Bromodichloromethane	55.8		"	50.0		112	81-124		8.74	30	
Bromoform	55.1		"	50.0		110	80-136		9.82	30	
Bromomethane	53.0		"	50.0		106	32-177		8.09	30	
Carbon disulfide	63.6		"	50.0		127	10-136		8.64	30	
Carbon tetrachloride	60.3		"	50.0		121	66-143		8.64	30	
Chlorobenzene	51.6		"	50.0		103	86-120		8.96	30	
Chloroethane	60.6		"	50.0		121	51-142		7.42	30	
Chloroform	58.6		"	50.0		117	76-131		9.23	30	
Chloromethane	46.5		"	50.0		93.0	49-132		2.39	30	
cis-1,2-Dichloroethylene	59.9		"	50.0		120	74-132		8.00	30	
cis-1,3-Dichloropropylene	54.8		"	50.0		110	81-129		9.59	30	
Cyclohexane	64.0		"	50.0		128	70-130		9.36	30	
Dibromochloromethane	55.3		"	50.0		111	10-200		9.30	30	
Dibromomethane	53.1		"	50.0		106	83-124		9.62	30	
Dichlorodifluoromethane	42.8		"	50.0		85.5	28-158		5.77	30	
Ethyl Benzene	54.3		"	50.0		109	84-125		8.42	30	
Hexachlorobutadiene	52.2		"	50.0		104	83-133		8.29	30	
Isopropylbenzene	52.6		"	50.0		105	81-127		9.78	30	
Methyl acetate	57.2		"	50.0		114	41-143		12.6	30	
Methyl tert-butyl ether (MTBE)	59.1		"	50.0		118	74-131		9.82	30	
Methylcyclohexane	52.8		"	50.0		106	70-130		8.43	30	
Methylene chloride	59.6		"	50.0		119	57-141		8.25	30	
n-Butylbenzene	51.7		"	50.0		103	80-130		7.57	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
LCS Dup (BA50903-BSD1) LCS Dup								Prepared & Analyzed: 01/10/2025			
n-Propylbenzene	52.0		ug/L	50.0		104	74-136		9.08	30	
o-Xylene	53.1		"	50.0		106	83-123		9.46	30	
p- & m- Xylenes	105		"	100		105	82-128		8.30	30	
p-Isopropyltoluene	52.4		"	50.0		105	85-125		8.39	30	
sec-Butylbenzene	51.7		"	50.0		103	83-125		8.81	30	
Styrene	55.1		"	50.0		110	86-126		8.70	30	
tert-Butyl alcohol (TBA)	299		"	250		120	70-130		12.8	30	
tert-Butylbenzene	44.7		"	50.0		89.4	80-127		8.51	30	
Tetrachloroethylene	42.3		"	50.0		84.6	80-129		6.95	30	
Toluene	52.6		"	50.0		105	85-121		8.32	30	
trans-1,2-Dichloroethylene	60.8		"	50.0		122	72-132		9.14	30	
trans-1,3-Dichloropropylene	56.2		"	50.0		112	78-132		8.77	30	
Trichloroethylene	52.1		"	50.0		104	84-123		7.50	30	
Trichlorofluoromethane	57.8		"	50.0		116	62-140		7.07	30	
Vinyl Chloride	54.0		"	50.0		108	52-130		8.86	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
Matrix Spike (BA50903-MS1) Matrix Spike *Source sample: 25A0510-06 (SB16_6-8)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	69.4		ug/L	50.0	0.00	139	15-161				
1,1,1-Trichloroethane	76.6		"	50.0	0.00	153	42-145	High Bias			
1,1,2,2-Tetrachloroethane	66.2		"	50.0	0.00	132	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	80.6		"	50.0	0.00	161	11-160	High Bias			
1,1,2-Trichloroethane	70.4		"	50.0	0.00	141	44-145				
1,1-Dichloroethane	78.6		"	50.0	0.00	157	46-142	High Bias			
1,1-Dichloroethylene	85.0		"	50.0	0.00	170	30-153	High Bias			
1,2,3-Trichlorobenzene	46.2		"	50.0	0.00	92.4	10-157				
1,2,3-Trichloropropane	64.2		"	50.0	0.00	128	38-155				
1,2,4-Trichlorobenzene	46.7		"	50.0	0.00	93.5	10-151				
1,2,4-Trimethylbenzene	60.8		"	50.0	0.00	122	10-170				
1,2-Dibromo-3-chloropropane	63.0		"	50.0	0.00	126	36-138				
1,2-Dibromoethane	69.2		"	50.0	0.00	138	40-142				
1,2-Dichlorobenzene	55.0		"	50.0	0.00	110	10-147				
1,2-Dichloroethane	79.9		"	50.0	0.00	160	48-133	High Bias			
1,2-Dichloropropane	72.9		"	50.0	0.00	146	47-141	High Bias			
1,3,5-Trimethylbenzene	60.8		"	50.0	0.00	122	10-150				
1,3-Dichlorobenzene	53.2		"	50.0	0.00	106	10-144				
1,4-Dichlorobenzene	52.8		"	50.0	0.00	106	10-160				
1,4-Dioxane	2300		"	1050	0.00	219	10-191	High Bias			
2-Butanone	66.7		"	50.0	0.00	133	10-189				
2-Hexanone	65.4		"	50.0	0.00	131	10-181				
4-Methyl-2-pentanone	53.4		"	50.0	0.00	107	10-166				
Acetone	43.2		"	50.0	0.00	86.4	10-196				
Acrolein	23.7		"	50.0	0.00	47.4	10-192				
Acrylonitrile	79.2		"	50.0	0.00	158	13-161				
Benzene	77.5		"	50.0	0.00	155	43-139	High Bias			
Bromochloromethane	77.0		"	50.0	0.00	154	38-145	High Bias			
Bromodichloromethane	74.8		"	50.0	0.00	150	38-147	High Bias			
Bromoform	71.5		"	50.0	0.00	143	29-156				
Bromomethane	61.7		"	50.0	0.00	123	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
Matrix Spike (BA50903-MS1) Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/10/2025			
Carbon disulfide	81.6		ug/L	50.0	0.00	163	10-131	High Bias			
Carbon tetrachloride	80.0		"	50.0	0.00	160	35-145	High Bias			
Chlorobenzene	64.0		"	50.0	0.00	128	21-154				
Chloroethane	82.0		"	50.0	0.00	164	15-160	High Bias			
Chloroform	77.2		"	50.0	0.00	154	47-142	High Bias			
Chloromethane	65.2		"	50.0	0.00	130	10-159				
cis-1,2-Dichloroethylene	78.1		"	50.0	0.00	156	42-144	High Bias			
cis-1,3-Dichloropropylene	71.1		"	50.0	0.00	142	18-159				
Cyclohexane	82.4		"	50.0	0.00	165	70-130	High Bias			
Dibromochloromethane	72.6		"	50.0	0.00	145	10-179				
Dibromomethane	70.0		"	50.0	0.00	140	47-143				
Dichlorodifluoromethane	58.2		"	50.0	0.00	116	10-145				
Ethyl Benzene	68.4		"	50.0	0.00	137	11-158				
Hexachlorobutadiene	48.8		"	50.0	0.00	97.6	10-158				
Isopropylbenzene	62.2		"	50.0	0.00	124	10-162				
Methyl acetate	90.0		"	50.0	0.00	180	10-149	High Bias			
Methyl tert-butyl ether (MTBE)	76.9		"	50.0	0.00	154	42-152	High Bias			
Methylcyclohexane	66.2		"	50.0	0.00	132	70-130	High Bias			
Methylene chloride	77.9		"	50.0	0.00	156	28-151	High Bias			
n-Butylbenzene	56.7		"	50.0	0.00	113	10-162				
n-Propylbenzene	59.8		"	50.0	0.00	120	10-155				
o-Xylene	66.7		"	50.0	0.00	133	10-158				
p- & m- Xylenes	131		"	100	0.00	131	10-156				
p-Isopropyltoluene	59.2		"	50.0	0.00	118	10-147				
sec-Butylbenzene	59.6		"	50.0	0.00	119	10-157				
Styrene	66.7		"	50.0	0.00	133	13-171				
tert-Butyl alcohol (TBA)	350		"	250	0.00	140	34-179				
tert-Butylbenzene	53.6		"	50.0	0.00	107	10-160				
Tetrachloroethylene	53.9		"	50.0	0.00	108	30-167				
Toluene	68.7		"	50.0	0.00	137	21-160				
trans-1,2-Dichloroethylene	79.4		"	50.0	0.00	159	29-153	High Bias			
trans-1,3-Dichloropropylene	72.2		"	50.0	0.00	144	18-155				
Trichloroethylene	68.6		"	50.0	0.00	137	24-169				
Trichlorofluoromethane	79.0		"	50.0	0.00	158	35-142	High Bias			
Vinyl Chloride	70.7		"	50.0	0.00	141	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA50903 - EPA 5035A

Matrix Spike Dup (BA50903-M Matrix Spike Dup Source sample: 25A0510-06 (SB16_6-8) Prepared & Analyzed: 01/10/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	74.0		ug/L	50.0	0.00	148	15-161		6.37	33	
1,1,1-Trichloroethane	82.9		"	50.0	0.00	166	42-145	High Bias	7.85	30	
1,1,2,2-Tetrachloroethane	71.0		"	50.0	0.00	142	16-167		7.03	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	89.7		"	50.0	0.00	179	11-160	High Bias	10.7	31	
1,1,2-Trichloroethane	73.8		"	50.0	0.00	148	44-145	High Bias	4.76	40	
1,1-Dichloroethane	94.6		"	50.0	0.00	189	46-142	High Bias	18.4	36	
1,1-Dichloroethylene	99.8		"	50.0	0.00	200	30-153	High Bias	16.1	31	
1,2,3-Trichlorobenzene	52.0		"	50.0	0.00	104	10-157		11.7	47	
1,2,3-Trichloropropane	68.2		"	50.0	0.00	136	38-155		6.07	48	
1,2,4-Trichlorobenzene	51.8		"	50.0	0.00	104	10-151		10.3	52	
1,2,4-Trimethylbenzene	66.4		"	50.0	0.00	133	10-170		8.73	242	
1,2-Dibromo-3-chloropropane	67.3		"	50.0	0.00	135	36-138		6.63	54	
1,2-Dibromoethane	71.9		"	50.0	0.00	144	40-142	High Bias	3.88	39	
1,2-Dichlorobenzene	60.7		"	50.0	0.00	121	10-147		9.89	52	
1,2-Dichloroethane	84.1		"	50.0	0.00	168	48-133	High Bias	5.17	32	
1,2-Dichloropropane	76.0		"	50.0	0.00	152	47-141	High Bias	4.11	37	
1,3,5-Trimethylbenzene	66.9		"	50.0	0.00	134	10-150		9.65	62	
1,3-Dichlorobenzene	58.8		"	50.0	0.00	118	10-144		10.0	51	
1,4-Dichlorobenzene	58.1		"	50.0	0.00	116	10-160		9.69	52	
1,4-Dioxane	2080		"	1050	0.00	198	10-191	High Bias	10.3	196	
2-Butanone	66.1		"	50.0	0.00	132	10-189		0.949	67	
2-Hexanone	66.8		"	50.0	0.00	134	10-181		2.18	60	
4-Methyl-2-pentanone	54.3		"	50.0	0.00	109	10-166		1.62	47	
Acetone	88.3		"	50.0	0.00	177	10-196		68.6	150	
Acrolein	19.8		"	50.0	0.00	39.6	10-192		17.8	128	
Acrylonitrile	94.9		"	50.0	0.00	190	13-161	High Bias	18.0	48	
Benzene	83.3		"	50.0	0.00	167	43-139	High Bias	7.25	64	
Bromochloromethane	82.1		"	50.0	0.00	164	38-145	High Bias	6.38	30	
Bromodichloromethane	78.9		"	50.0	0.00	158	38-147	High Bias	5.44	37	
Bromoform	75.3		"	50.0	0.00	151	29-156		5.18	51	
Bromomethane	69.0		"	50.0	0.00	138	10-166		11.1	42	
Carbon disulfide	98.4		"	50.0	0.00	197	10-131	High Bias	18.7	36	
Carbon tetrachloride	86.0		"	50.0	0.00	172	35-145	High Bias	7.29	31	
Chlorobenzene	69.4		"	50.0	0.00	139	21-154		8.10	32	
Chloroethane	87.2		"	50.0	0.00	174	15-160	High Bias	6.18	40	
Chloroform	82.8		"	50.0	0.00	166	47-142	High Bias	6.90	29	
Chloromethane	77.4		"	50.0	0.00	155	10-159		17.1	31	
cis-1,2-Dichloroethylene	83.4		"	50.0	0.00	167	42-144	High Bias	6.53	30	
cis-1,3-Dichloropropylene	75.6		"	50.0	0.00	151	18-159		6.04	39	
Cyclohexane	88.7		"	50.0	0.00	177	70-130	High Bias	7.39	30	
Dibromochloromethane	76.6		"	50.0	0.00	153	10-179		5.35	41	
Dibromomethane	73.7		"	50.0	0.00	147	47-143	High Bias	5.08	41	
Dichlorodifluoromethane	57.9		"	50.0	0.00	116	10-145		0.500	34	
Ethyl Benzene	73.9		"	50.0	0.00	148	11-158		7.78	42	
Hexachlorobutadiene	54.8		"	50.0	0.00	110	10-158		11.5	45	
Isopropylbenzene	69.4		"	50.0	0.00	139	10-162		10.8	57	
Methyl acetate	106		"	50.0	0.00	213	10-149	High Bias	16.7	64	
Methyl tert-butyl ether (MTBE)	86.9		"	50.0	0.00	174	42-152	High Bias	12.2	47	
Methylcyclohexane	70.5		"	50.0	0.00	141	70-130	High Bias	6.32	30	
Methylene chloride	97.2		"	50.0	0.00	194	28-151	High Bias	22.1	49	
n-Butylbenzene	61.6		"	50.0	0.00	123	10-162		8.29	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50903 - EPA 5035A											
Matrix Spike Dup (BA50903-M Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)								Prepared & Analyzed: 01/10/2025		
n-Propylbenzene	66.4		ug/L	50.0	0.00	133	10-155		10.5	56	
o-Xylene	71.9		"	50.0	0.00	144	10-158		7.43	51	
p- & m- Xylenes	141		"	100	0.00	141	10-156		7.59	47	
p-Isopropyltoluene	64.8		"	50.0	0.00	130	10-147		9.08	60	
sec-Butylbenzene	65.4		"	50.0	0.00	131	10-157		9.22	56	
Styrene	72.7		"	50.0	0.00	145	13-171		8.60	39	
tert-Butyl alcohol (TBA)	412		"	250	0.00	165	34-179		16.3	35	
tert-Butylbenzene	58.6		"	50.0	0.00	117	10-160		9.00	79	
Tetrachloroethylene	57.9		"	50.0	0.00	116	30-167		7.08	33	
Toluene	73.5		"	50.0	0.00	147	21-160		6.86	50	
trans-1,2-Dichloroethylene	93.2		"	50.0	0.00	186	29-153	High Bias	15.9	30	
trans-1,3-Dichloropropylene	75.8		"	50.0	0.00	152	18-155		4.99	30	
Trichloroethylene	72.4		"	50.0	0.00	145	24-169		5.46	30	
Trichlorofluoromethane	76.1		"	50.0	0.00	152	35-142	High Bias	3.70	30	
Vinyl Chloride	83.0		"	50.0	0.00	166	12-160	High Bias	16.0	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
Batch BA50911 - EPA 5030B											
Blank (BA50911-BLK1) Blank									Prepared & Analyzed: 01/10/2025		
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	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50911 - EPA 5030B											
Blank (BA50911-BLK1) Blank								Prepared & Analyzed: 01/10/2025			
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
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	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
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	*9.39*		*"*	*10.0*		*93.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.36*		*"*	*10.0*		*93.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50911 - EPA 5030B											
LCS (BA50911-BS1) LCS							Prepared & Analyzed: 01/10/2025				
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	8.48		"	10.0		84.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	8.74		"	10.0		87.4	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	7.07		"	10.0		70.7	76-136	Low Bias			
1,2,3-Trichloropropane	8.48		"	10.0		84.8	77-128				
1,2,4-Trichlorobenzene	7.18		"	10.0		71.8	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.43		"	10.0		94.3	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	8.64		"	10.0		86.4	83-124				
1,2-Dichlorobenzene	8.77		"	10.0		87.7	79-123				
1,2-Dichloroethane	9.91		"	10.0		99.1	73-132				
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126				
1,3,5-Trimethylbenzene	9.46		"	10.0		94.6	80-131				
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122				
1,4-Dichlorobenzene	8.45		"	10.0		84.5	85-124	Low Bias			
1,4-Dioxane	165		"	210		78.8	10-349				
2-Butanone	10.8		"	10.0		108	49-152				
2-Hexanone	7.21		"	10.0		72.1	51-146				
4-Methyl-2-pentanone	6.52		"	10.0		65.2	57-145				
Acetone	9.61		"	10.0		96.1	14-150				
Acrolein	5.92		"	10.0		59.2	10-153				
Acrylonitrile	9.08		"	10.0		90.8	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	9.93		"	10.0		99.3	77-128				
Bromodichloromethane	8.92		"	10.0		89.2	79-128				
Bromoform	8.24		"	10.0		82.4	78-133				
Bromomethane	10.5		"	10.0		105	43-168				
Carbon disulfide	10.7		"	10.0		107	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.22		"	10.0		92.2	88-120				
Chloroethane	9.83		"	10.0		98.3	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	8.43		"	10.0		84.3	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	8.77		"	10.0		87.7	80-131				
Cyclohexane	4.93		"	10.0		49.3	63-149	Low Bias			
Dibromochloromethane	8.83		"	10.0		88.3	80-130				
Dibromomethane	8.44		"	10.0		84.4	72-134				
Dichlorodifluoromethane	6.86		"	10.0		68.6	44-144				
Ethyl Benzene	9.81		"	10.0		98.1	80-131				
Hexachlorobutadiene	7.70		"	10.0		77.0	67-146				
Isopropylbenzene	9.50		"	10.0		95.0	76-140				
Methyl acetate	7.96		"	10.0		79.6	51-139				
Methyl tert-butyl ether (MTBE)	9.55		"	10.0		95.5	76-135				
Methylcyclohexane	9.09		"	10.0		90.9	72-143				
Methylene chloride	9.52		"	10.0		95.2	55-137				
n-Butylbenzene	9.02		"	10.0		90.2	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50911 - EPA 5030B											
LCS (BA50911-BS1) LCS								Prepared & Analyzed: 01/10/2025			
n-Propylbenzene	9.46		ug/L	10.0		94.6	78-133				
o-Xylene	9.47		"	10.0		94.7	78-130				
p- & m- Xylenes	19.1		"	20.0		95.3	77-133				
p-Isopropyltoluene	9.52		"	10.0		95.2	81-136				
sec-Butylbenzene	9.25		"	10.0		92.5	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	28.9		"	50.0		57.8	25-162				
tert-Butylbenzene	8.01		"	10.0		80.1	77-138				
Tetrachloroethylene	8.98		"	10.0		89.8	82-131				
Toluene	9.39		"	10.0		93.9	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	8.78		"	10.0		87.8	78-131				
Trichloroethylene	9.24		"	10.0		92.4	82-128				
Trichlorofluoromethane	10.0		"	10.0		100	67-139				
Vinyl Chloride	8.84		"	10.0		88.4	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.13*		*"*	*10.0*		*91.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				
LCS Dup (BA50911-BSD1) LCS Dup								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	9.67		ug/L	10.0		96.7	82-126		4.12	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		5.73	30	
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	76-129		3.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	54-165		6.32	30	
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123		0.457	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		4.06	30	
1,1-Dichloroethylene	11.6		"	10.0		116	68-138		5.20	30	
1,2,3-Trichlorobenzene	7.11		"	10.0		71.1	76-136	Low Bias	0.564	30	
1,2,3-Trichloropropane	8.54		"	10.0		85.4	77-128		0.705	30	
1,2,4-Trichlorobenzene	7.67		"	10.0		76.7	76-137		6.60	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		7.35	30	
1,2-Dibromo-3-chloropropane	7.72		"	10.0		77.2	45-147		3.69	30	
1,2-Dibromoethane	8.62		"	10.0		86.2	83-124		0.232	30	
1,2-Dichlorobenzene	9.16		"	10.0		91.6	79-123		4.35	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		1.70	30	
1,2-Dichloropropane	9.49		"	10.0		94.9	78-126		2.67	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		7.53	30	
1,3-Dichlorobenzene	9.30		"	10.0		93.0	86-122		5.87	30	
1,4-Dichlorobenzene	8.91		"	10.0		89.1	85-124		5.30	30	
1,4-Dioxane	208		"	210		99.2	10-349		22.9	30	
2-Butanone	11.0		"	10.0		110	49-152		1.28	30	
2-Hexanone	7.29		"	10.0		72.9	51-146		1.10	30	
4-Methyl-2-pentanone	6.59		"	10.0		65.9	57-145		1.07	30	
Acetone	9.64		"	10.0		96.4	14-150		0.312	30	
Acrolein	5.98		"	10.0		59.8	10-153		1.01	30	
Acrylonitrile	9.02		"	10.0		90.2	51-150		0.663	30	
Benzene	11.1		"	10.0		111	85-126		4.34	30	
Bromochloromethane	10.2		"	10.0		102	77-128		2.68	30	
Bromodichloromethane	9.21		"	10.0		92.1	79-128		3.20	30	
Bromoform	8.51		"	10.0		85.1	78-133		3.22	30	
Bromomethane	11.1		"	10.0		111	43-168		5.39	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50911 - EPA 5030B											
LCS Dup (BA50911-BSD1) LCS Dup							Prepared & Analyzed: 01/10/2025				
Carbon disulfide	11.3		ug/L	10.0		113	68-146		5.43	30	
Carbon tetrachloride	11.3		"	10.0		113	77-141		6.49	30	
Chlorobenzene	9.58		"	10.0		95.8	88-120		3.83	30	
Chloroethane	10.2		"	10.0		102	65-136		3.89	30	
Chloroform	10.6		"	10.0		106	82-128		3.15	30	
Chloromethane	9.03		"	10.0		90.3	43-155		6.87	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		3.41	30	
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	80-131		3.14	30	
Cyclohexane	5.30		"	10.0		53.0	63-149	Low Bias	7.23	30	
Dibromochloromethane	9.09		"	10.0		90.9	80-130		2.90	30	
Dibromomethane	8.56		"	10.0		85.6	72-134		1.41	30	
Dichlorodifluoromethane	7.27		"	10.0		72.7	44-144		5.80	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		5.55	30	
Hexachlorobutadiene	8.13		"	10.0		81.3	67-146		5.43	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		7.98	30	
Methyl acetate	8.16		"	10.0		81.6	51-139		2.48	30	
Methyl tert-butyl ether (MTBE)	9.71		"	10.0		97.1	76-135		1.66	30	
Methylcyclohexane	9.94		"	10.0		99.4	72-143		8.93	30	
Methylene chloride	9.80		"	10.0		98.0	55-137		2.90	30	
n-Butylbenzene	9.68		"	10.0		96.8	79-132		7.06	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		7.92	30	
o-Xylene	9.86		"	10.0		98.6	78-130		4.04	30	
p- & m- Xylenes	20.1		"	20.0		100	77-133		5.26	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		8.26	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		8.98	30	
Styrene	10.3		"	10.0		103	67-132		2.27	30	
tert-Butyl alcohol (TBA)	27.4		"	50.0		54.8	25-162		5.36	30	
tert-Butylbenzene	8.74		"	10.0		87.4	77-138		8.72	30	
Tetrachloroethylene	9.56		"	10.0		95.6	82-131		6.26	30	
Toluene	9.91		"	10.0		99.1	80-127		5.39	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		5.70	30	
trans-1,3-Dichloropropylene	8.92		"	10.0		89.2	78-131		1.58	30	
Trichloroethylene	9.66		"	10.0		96.6	82-128		4.44	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		6.28	30	
Vinyl Chloride	9.34		"	10.0		93.4	58-145		5.50	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Blank (BA50656-BLK1) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Blank (BA50656-BLK1) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	0.0233	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	*1.64*		"	*1.66*		*98.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*85.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.534*		"	*0.831*		*64.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.604*		"	*0.831*		*72.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.66*		*92.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.741*		"	*0.831*		*89.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
LCS (BA50656-BS1) LCS								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	0.595	0.0416	mg/kg wet	0.831		71.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.535	0.0830	"	0.831		64.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.751	0.0416	"	0.831		90.5	17-137				
2,3,4,6-Tetrachlorophenol	0.678	0.0830	"	0.831		81.6	30-130				
2,4,5-Trichlorophenol	0.501	0.0416	"	0.831		60.4	27-118				
2,4,6-Trichlorophenol	0.466	0.0416	"	0.831		56.2	31-120				
2,4-Dichlorophenol	0.424	0.0416	"	0.831		51.1	20-127				
2,4-Dimethylphenol	0.486	0.0416	"	0.831		58.5	14-132				
2,4-Dinitrophenol	0.344	0.0830	"	0.831		41.4	10-171				
2,4-Dinitrotoluene	0.553	0.0416	"	0.831		66.6	34-131				
2,6-Dinitrotoluene	0.523	0.0416	"	0.831		63.0	31-128				
2-Chloronaphthalene	0.538	0.0416	"	0.831		64.8	31-117				
2-Chlorophenol	0.647	0.0416	"	0.831		77.9	33-113				
2-Methylnaphthalene	0.452	0.0416	"	0.831		54.5	12-138				
2-Methylphenol	0.544	0.0416	"	0.831		65.4	10-136				
2-Nitroaniline	0.753	0.0830	"	0.831		90.7	27-132				
2-Nitrophenol	0.539	0.0416	"	0.831		64.8	17-129				
3- & 4-Methylphenols	0.450	0.0416	"	0.831		54.2	29-103				
3,3-Dichlorobenzidine	0.784	0.0416	"	0.831		94.4	22-149				
3-Nitroaniline	0.753	0.0830	"	0.831		90.7	20-133				
4,6-Dinitro-2-methylphenol	0.523	0.0830	"	0.831		63.0	10-143				
4-Bromophenyl phenyl ether	0.545	0.0416	"	0.831		65.6	29-120				
4-Chloro-3-methylphenol	0.464	0.0416	"	0.831		55.9	24-129				
4-Chloroaniline	0.325	0.0416	"	0.831		39.2	10-132				
4-Chlorophenyl phenyl ether	0.415	0.0416	"	0.831		50.0	27-124				
4-Nitroaniline	0.576	0.0830	"	0.831		69.4	16-128				
4-Nitrophenol	0.512	0.0830	"	0.831		61.7	10-141				
Acenaphthene	0.556	0.0416	"	0.831		67.0	30-121				
Acenaphthylene	0.601	0.0416	"	0.831		72.4	30-115				
Acetophenone	0.549	0.0416	"	0.831		66.1	20-112				
Aniline	0.390	0.166	"	0.831		47.0	10-119				
Anthracene	0.555	0.0416	"	0.831		66.8	34-118				
Atrazine	0.580	0.0416	"	0.831		69.8	26-112				
Benzaldehyde	0.481	0.0416	"	0.831		58.0	21-100				
Benzo(a)anthracene	0.610	0.0416	"	0.831		73.5	32-122				
Benzo(a)pyrene	0.586	0.0416	"	0.831		70.5	29-133				
Benzo(b)fluoranthene	0.610	0.0416	"	0.831		73.5	25-133				
Benzo(g,h,i)perylene	0.712	0.0416	"	0.831		85.7	10-143				
Benzo(k)fluoranthene	0.598	0.0416	"	0.831		72.0	25-128				
Benzoic acid	0.246	0.0416	"	0.831		29.6	10-140				
Benzyl alcohol	0.532	0.0416	"	0.831		64.0	30-115				
Benzyl butyl phthalate	0.786	0.0416	"	0.831		94.7	26-126				
Bis(2-chloroethoxy)methane	0.510	0.0416	"	0.831		61.4	19-132				
Bis(2-chloroethyl)ether	0.466	0.0416	"	0.831		56.2	19-125				
Bis(2-chloroisopropyl)ether	0.550	0.0416	"	0.831		66.3	20-135				
Bis(2-ethylhexyl)phthalate	0.757	0.0416	"	0.831		91.2	10-155				
Caprolactam	0.603	0.0830	"	0.831		72.6	10-127				
Carbazole	0.590	0.0416	"	0.831		71.1	35-123				
Chrysene	0.559	0.0416	"	0.831		67.3	32-123				
Dibenzo(a,h)anthracene	0.688	0.0416	"	0.831		82.8	10-136				
Dibenzofuran	0.528	0.0416	"	0.831		63.5	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
LCS (BA50656-BS1) LCS									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Diethyl phthalate	0.619	0.0416	mg/kg wet	0.831		74.5	34-116				
Dimethyl phthalate	0.531	0.0416	"	0.831		64.0	35-124				
Di-n-butyl phthalate	0.739	0.0416	"	0.831		89.0	31-116				
Di-n-octyl phthalate	0.755	0.0416	"	0.831		90.9	26-136				
Diphenylamine	0.737	0.0830	"	0.831		88.7	40-140				
Fluoranthene	0.544	0.0416	"	0.831		65.5	33-122				
Fluorene	0.515	0.0416	"	0.831		62.0	29-123				
Hexachlorobenzene	0.835	0.0416	"	0.831		101	21-124				
Hexachlorobutadiene	0.352	0.0416	"	0.831		42.4	10-149				
Hexachlorocyclopentadiene	0.302	0.0416	"	0.831		36.4	10-129				
Hexachloroethane	0.588	0.0416	"	0.831		70.8	28-108				
Indeno(1,2,3-cd)pyrene	0.796	0.0416	"	0.831		95.8	10-135				
Isophorone	0.450	0.0416	"	0.831		54.2	20-132				
Naphthalene	0.557	0.0416	"	0.831		67.0	23-124				
Nitrobenzene	0.435	0.0416	"	0.831		52.4	13-132				
N-Nitrosodimethylamine	0.446	0.0416	"	0.831		53.7	11-129				
N-nitroso-di-n-propylamine	0.495	0.0416	"	0.831		59.6	24-119				
N-Nitrosodiphenylamine	0.711	0.0416	"	0.831		85.6	22-152				
Pentachlorophenol	0.252	0.0416	"	0.831		30.4	10-139				
Phenanthrene	0.605	0.0416	"	0.831		72.8	33-123				
Phenol	0.551	0.0416	"	0.831		66.3	23-115				
Pyrene	0.634	0.0416	"	0.831		76.4	24-130				
Pyridine	0.342	0.166	"	0.831		41.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.12*		"	*1.66*		*67.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.958*		"	*1.66*		*57.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.406*		"	*0.831*		*48.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.476*		"	*0.831*		*57.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.17*		"	*1.66*		*70.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.552*		"	*0.831*		*66.5*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Matrix Spike (BA50656-MS1) Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	0.667	0.0964	mg/kg dry	0.963	ND	69.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.575	0.193	"	0.963	ND	59.7	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.745	0.0964	"	0.963	ND	77.3	10-144				
2,3,4,6-Tetrachlorophenol	0.915	0.193	"	0.963	ND	95.0	30-130				
2,4,5-Trichlorophenol	0.503	0.0964	"	0.963	ND	52.2	10-127				
2,4,6-Trichlorophenol	0.502	0.0964	"	0.963	ND	52.1	10-132				
2,4-Dichlorophenol	0.462	0.0964	"	0.963	ND	48.0	10-128				
2,4-Dimethylphenol	0.589	0.0964	"	0.963	ND	61.1	10-137				
2,4-Dinitrophenol	0.344	0.193	"	0.963	ND	35.7	10-171				
2,4-Dinitrotoluene	0.694	0.0964	"	0.963	ND	72.0	16-135				
2,6-Dinitrotoluene	0.697	0.0964	"	0.963	ND	72.3	18-131				
2-Chloronaphthalene	0.609	0.0964	"	0.963	ND	63.2	10-129				
2-Chlorophenol	0.805	0.0964	"	0.963	ND	83.6	15-116				
2-Methylnaphthalene	0.541	0.0964	"	0.963	ND	56.2	10-147				
2-Methylphenol	0.678	0.0964	"	0.963	ND	70.4	10-136				
2-Nitroaniline	0.785	0.193	"	0.963	ND	81.4	10-137				
2-Nitrophenol	0.644	0.0964	"	0.963	ND	66.9	10-129				
3- & 4-Methylphenols	0.516	0.0964	"	0.963	ND	53.6	10-123				
3,3-Dichlorobenzidine	1.00	0.0964	"	0.963	ND	104	10-155				
3-Nitroaniline	0.785	0.193	"	0.963	ND	81.4	12-133				
4,6-Dinitro-2-methylphenol	0.577	0.193	"	0.963	ND	59.8	10-155				
4-Bromophenyl phenyl ether	0.556	0.0964	"	0.963	ND	57.7	14-128				
4-Chloro-3-methylphenol	0.619	0.0964	"	0.963	ND	64.2	10-134				
4-Chloroaniline	0.406	0.0964	"	0.963	ND	42.2	10-145				
4-Chlorophenyl phenyl ether	0.511	0.0964	"	0.963	ND	53.0	14-130				
4-Nitroaniline	0.691	0.193	"	0.963	ND	71.8	10-147				
4-Nitrophenol	0.569	0.193	"	0.963	ND	59.0	10-137				
Acenaphthene	0.641	0.0964	"	0.963	ND	66.5	10-146				
Acenaphthylene	0.691	0.0964	"	0.963	ND	71.8	10-134				
Acetophenone	0.609	0.0964	"	0.963	ND	63.2	10-116				
Aniline	0.395	0.386	"	0.963	ND	41.0	10-123				
Anthracene	0.674	0.0964	"	0.963	ND	70.0	10-142				
Atrazine	0.687	0.0964	"	0.963	ND	71.3	19-115				
Benzaldehyde	0.501	0.0964	"	0.963	ND	52.0	10-125				
Benzo(a)anthracene	0.758	0.0964	"	0.963	ND	78.6	10-158				
Benzo(a)pyrene	0.782	0.0964	"	0.963	ND	81.1	10-180				
Benzo(b)fluoranthene	0.749	0.0964	"	0.963	ND	77.8	10-200				
Benzo(g,h,i)perylene	0.832	0.0964	"	0.963	ND	86.4	10-138				
Benzo(k)fluoranthene	0.718	0.0964	"	0.963	ND	74.5	10-197				
Benzoic acid	0.241	0.0964	"	0.963	ND	25.0	10-166				
Benzyl alcohol	0.536	0.0964	"	0.963	ND	55.7	12-124				
Benzyl butyl phthalate	0.901	0.0964	"	0.963	ND	93.5	10-154				
Bis(2-chloroethoxy)methane	0.596	0.0964	"	0.963	ND	61.8	10-132				
Bis(2-chloroethyl)ether	0.651	0.0964	"	0.963	ND	67.6	10-119				
Bis(2-chloroisopropyl)ether	0.686	0.0964	"	0.963	ND	71.2	10-139				
Bis(2-ethylhexyl)phthalate	0.914	0.0964	"	0.963	ND	94.9	10-167				
Caprolactam	0.679	0.193	"	0.963	ND	70.5	10-132				
Carbazole	0.696	0.0964	"	0.963	ND	72.2	10-167				
Chrysene	0.708	0.0964	"	0.963	ND	73.4	10-156				
Dibenzo(a,h)anthracene	0.803	0.0964	"	0.963	ND	83.4	10-137				
Dibenzofuran	0.596	0.0964	"	0.963	ND	61.8	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Matrix Spike (BA50656-MS1) Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
Diethyl phthalate	0.706	0.0964	mg/kg dry	0.963	ND	73.3	20-120				
Dimethyl phthalate	0.650	0.0964	"	0.963	ND	67.4	18-131				
Di-n-butyl phthalate	0.875	0.0964	"	0.963	ND	90.8	10-137				
Di-n-octyl phthalate	0.967	0.0964	"	0.963	ND	100	10-180				
Diphenylamine	0.882	0.193	"	0.963	ND	91.5	40-140				
Fluoranthene	0.625	0.0964	"	0.963	ND	64.9	10-160				
Fluorene	0.594	0.0964	"	0.963	ND	61.7	10-157				
Hexachlorobenzene	0.899	0.0964	"	0.963	ND	93.4	10-137				
Hexachlorobutadiene	0.437	0.0964	"	0.963	ND	45.4	10-132				
Hexachlorocyclopentadiene	0.329	0.0964	"	0.963	ND	34.2	10-106				
Hexachloroethane	0.817	0.0964	"	0.963	ND	84.8	10-110				
Indeno(1,2,3-cd)pyrene	0.898	0.0964	"	0.963	ND	93.2	10-144				
Isophorone	0.524	0.0964	"	0.963	ND	54.4	10-132				
Naphthalene	0.617	0.0964	"	0.963	ND	64.1	10-141				
Nitrobenzene	0.452	0.0964	"	0.963	ND	47.0	10-131				
N-Nitrosodimethylamine	0.491	0.0964	"	0.963	ND	51.0	10-126				
N-nitroso-di-n-propylamine	0.562	0.0964	"	0.963	ND	58.3	10-125				
N-Nitrosodiphenylamine	0.871	0.0964	"	0.963	ND	90.4	10-177				
Pentachlorophenol	0.232	0.0964	"	0.963	ND	24.1	10-153				
Phenanthrene	0.708	0.0964	"	0.963	ND	73.5	10-148				
Phenol	0.641	0.0964	"	0.963	ND	66.5	10-126				
Pyrene	0.745	0.0964	"	0.963	ND	77.3	10-165				
Pyridine	0.341	0.386	"	0.963	ND	35.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.20*		"	*1.93*		*62.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.93*		*55.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		"	*0.963*		*47.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.533*		"	*0.963*		*55.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.53*		"	*1.93*		*79.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.618*		"	*0.963*		*64.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Matrix Spike Dup (BA50656-M Matrix Spike Dup *Source sample: 25A0510-06 (SB16_6-8)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	0.634	0.0964	mg/kg dry	0.963	ND	65.8	10-130		5.10	30	
1,2,4,5-Tetrachlorobenzene	0.461	0.193	"	0.963	ND	47.8	10-133		22.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.773	0.0964	"	0.963	ND	80.2	10-144		3.76	30	
2,3,4,6-Tetrachlorophenol	0.560	0.193	"	0.963	ND	58.2	30-130		48.1	30	Non-dir.
2,4,5-Trichlorophenol	0.420	0.0964	"	0.963	ND	43.6	10-127		17.9	30	
2,4,6-Trichlorophenol	0.439	0.0964	"	0.963	ND	45.5	10-132		13.4	30	
2,4-Dichlorophenol	0.373	0.0964	"	0.963	ND	38.7	10-128		21.4	30	
2,4-Dimethylphenol	0.462	0.0964	"	0.963	ND	48.0	10-137		24.0	30	
2,4-Dinitrophenol	0.270	0.193	"	0.963	ND	28.0	10-171		24.1	30	
2,4-Dinitrotoluene	0.497	0.0964	"	0.963	ND	51.6	16-135		33.0	30	Non-dir.
2,6-Dinitrotoluene	0.539	0.0964	"	0.963	ND	55.9	18-131		25.6	30	
2-Chloronaphthalene	0.547	0.0964	"	0.963	ND	56.8	10-129		10.7	30	
2-Chlorophenol	0.629	0.0964	"	0.963	ND	65.3	15-116		24.6	30	
2-Methylnaphthalene	0.477	0.0964	"	0.963	ND	49.5	10-147		12.6	30	
2-Methylphenol	0.504	0.0964	"	0.963	ND	52.3	10-136		29.5	30	
2-Nitroaniline	0.741	0.193	"	0.963	ND	76.9	10-137		5.76	30	
2-Nitrophenol	0.577	0.0964	"	0.963	ND	59.8	10-129		11.1	30	
3- & 4-Methylphenols	0.436	0.0964	"	0.963	ND	45.3	10-123		16.8	30	
3,3-Dichlorobenzidine	0.775	0.0964	"	0.963	ND	80.4	10-155		25.4	30	
3-Nitroaniline	0.741	0.193	"	0.963	ND	76.9	12-133		5.76	30	
4,6-Dinitro-2-methylphenol	0.481	0.193	"	0.963	ND	49.9	10-155		18.1	30	
4-Bromophenyl phenyl ether	0.446	0.0964	"	0.963	ND	46.3	14-128		21.8	30	
4-Chloro-3-methylphenol	0.451	0.0964	"	0.963	ND	46.8	10-134		31.4	30	Non-dir.
4-Chloroaniline	0.332	0.0964	"	0.963	ND	34.5	10-145		20.0	30	
4-Chlorophenyl phenyl ether	0.409	0.0964	"	0.963	ND	42.5	14-130		22.1	30	
4-Nitroaniline	0.604	0.193	"	0.963	ND	62.6	10-147		13.6	30	
4-Nitrophenol	0.460	0.193	"	0.963	ND	47.8	10-137		21.1	30	
Acenaphthene	0.557	0.0964	"	0.963	ND	57.8	10-146		13.9	30	
Acenaphthylene	0.601	0.0964	"	0.963	ND	62.4	10-134		14.0	30	
Acetophenone	0.483	0.0964	"	0.963	ND	50.2	10-116		23.0	30	
Aniline	0.314	0.386	"	0.963	ND	32.6	10-123		22.8	30	
Anthracene	0.549	0.0964	"	0.963	ND	57.0	10-142		20.5	30	
Atrazine	0.599	0.0964	"	0.963	ND	62.2	19-115		13.7	30	
Benzaldehyde	0.458	0.0964	"	0.963	ND	47.5	10-125		9.00	30	
Benzo(a)anthracene	0.650	0.0964	"	0.963	ND	67.4	10-158		15.3	30	
Benzo(a)pyrene	0.619	0.0964	"	0.963	ND	64.2	10-180		23.2	30	
Benzo(b)fluoranthene	0.600	0.0964	"	0.963	ND	62.3	10-200		22.0	30	
Benzo(g,h,i)perylene	0.701	0.0964	"	0.963	ND	72.8	10-138		17.1	30	
Benzo(k)fluoranthene	0.629	0.0964	"	0.963	ND	65.3	10-197		13.2	30	
Benzoic acid	0.207	0.0964	"	0.963	ND	21.5	10-166		15.1	30	
Benzyl alcohol	0.493	0.0964	"	0.963	ND	51.2	12-124		8.38	30	
Benzyl butyl phthalate	0.798	0.0964	"	0.963	ND	82.8	10-154		12.2	30	
Bis(2-chloroethoxy)methane	0.485	0.0964	"	0.963	ND	50.3	10-132		20.5	30	
Bis(2-chloroethyl)ether	0.459	0.0964	"	0.963	ND	47.7	10-119		34.6	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.543	0.0964	"	0.963	ND	56.3	10-139		23.3	30	
Bis(2-ethylhexyl)phthalate	0.775	0.0964	"	0.963	ND	80.4	10-167		16.5	30	
Caprolactam	0.578	0.193	"	0.963	ND	60.0	10-132		16.1	30	
Carbazole	0.607	0.0964	"	0.963	ND	63.0	10-167		13.6	30	
Chrysene	0.574	0.0964	"	0.963	ND	59.6	10-156		20.8	30	
Dibenzo(a,h)anthracene	0.671	0.0964	"	0.963	ND	69.6	10-137		18.0	30	
Dibenzofuran	0.503	0.0964	"	0.963	ND	52.2	10-147		16.8	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50656 - EPA 3550C											
Matrix Spike Dup (BA50656-M Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
Diethyl phthalate	0.551	0.0964	mg/kg dry	0.963	ND	57.2	20-120		24.6	30	
Dimethyl phthalate	0.534	0.0964	"	0.963	ND	55.4	18-131		19.5	30	
Di-n-butyl phthalate	0.741	0.0964	"	0.963	ND	76.9	10-137		16.6	30	
Di-n-octyl phthalate	0.790	0.0964	"	0.963	ND	82.0	10-180		20.1	30	
Diphenylamine	0.783	0.193	"	0.963	ND	81.3	40-140		11.9	30	
Fluoranthene	0.557	0.0964	"	0.963	ND	57.8	10-160		11.5	30	
Fluorene	0.520	0.0964	"	0.963	ND	53.9	10-157		13.4	30	
Hexachlorobenzene	0.762	0.0964	"	0.963	ND	79.1	10-137		16.5	30	
Hexachlorobutadiene	0.382	0.0964	"	0.963	ND	39.7	10-132		13.4	30	
Hexachlorocyclopentadiene	0.264	0.0964	"	0.963	ND	27.4	10-106		21.8	30	
Hexachloroethane	0.598	0.0964	"	0.963	ND	62.1	10-110		30.9	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.804	0.0964	"	0.963	ND	83.4	10-144		11.1	30	
Isophorone	0.446	0.0964	"	0.963	ND	46.2	10-132		16.2	30	
Naphthalene	0.583	0.0964	"	0.963	ND	60.6	10-141		5.65	30	
Nitrobenzene	0.422	0.0964	"	0.963	ND	43.8	10-131		6.87	30	
N-Nitrosodimethylamine	0.484	0.0964	"	0.963	ND	50.2	10-126		1.42	30	
N-nitroso-di-n-propylamine	0.457	0.0964	"	0.963	ND	47.4	10-125		20.6	30	
N-Nitrosodiphenylamine	0.688	0.0964	"	0.963	ND	71.4	10-177		23.4	30	
Pentachlorophenol	0.230	0.0964	"	0.963	ND	23.8	10-153		1.00	30	
Phenanthrene	0.615	0.0964	"	0.963	ND	63.8	10-148		14.1	30	
Phenol	0.577	0.0964	"	0.963	ND	59.9	10-126		10.4	30	
Pyrene	0.557	0.0964	"	0.963	ND	57.8	10-165		28.9	30	
Pyridine	0.201	0.386	"	0.963	ND	20.9	10-83		51.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.03*		*"*	*1.93*		*53.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.998*		*"*	*1.93*		*51.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.402*		*"*	*0.963*		*41.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.473*		*"*	*0.963*		*49.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.23*		*"*	*1.93*		*63.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.567*		*"*	*0.963*		*58.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK1) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK1) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Surrogate: SURR: 2-Fluorophenol	*18.5*		*ug/L*	*50.0*		*37.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.6*		*"*	*50.0*		*21.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.5*		*"*	*25.0*		*73.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.1*		*"*	*50.0*		*64.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.8*		*"*	*25.0*		*83.2*	*30.7-106*				
Blank (BA50677-BLK2) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
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	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK2) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Bis(2-chloroethoxy)methane	ND	5.00	ug/L								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
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	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS1) LCS								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	13.9	5.00	ug/L	25.0		55.6	33-95				
1,2,4,5-Tetrachlorobenzene	8.34	5.00	"	25.0		33.4	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	18.4	5.00	"	25.0		73.4	16-141				
2,3,4,6-Tetrachlorophenol	29.9	5.00	"	25.0		120	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114				
2,4,6-Trichlorophenol	17.5	5.00	"	25.0		69.9	35-118				
2,4-Dichlorophenol	15.5	5.00	"	25.0		62.0	25-116				
2,4-Dimethylphenol	17.1	5.00	"	25.0		68.4	15-116				
2,4-Dinitrophenol	28.3	5.00	"	25.0		113	10-170				
2,4-Dinitrotoluene	20.7	5.00	"	25.0		82.8	41-128				
2,6-Dinitrotoluene	20.0	5.00	"	25.0		79.9	45-116				
2-Chloronaphthalene	11.8	5.00	"	25.0		47.4	33-112				
2-Chlorophenol	15.1	5.00	"	25.0		60.3	15-120				
2-Methylnaphthalene	9.58	5.00	"	25.0		38.3	24-118				
2-Methylphenol	15.1	5.00	"	25.0		60.3	10-110				
2-Nitroaniline	20.2	5.00	"	25.0		80.8	34-129				
2-Nitrophenol	16.0	5.00	"	25.0		64.0	28-118				
3- & 4-Methylphenols	11.6	5.00	"	25.0		46.4	10-107				
3,3-Dichlorobenzidine	13.3	5.00	"	25.0		53.3	15-187				
3-Nitroaniline	18.4	5.00	"	25.0		73.7	24-134				
4,6-Dinitro-2-methylphenol	32.0	5.00	"	25.0		128	10-153				
4-Bromophenyl phenyl ether	17.4	5.00	"	25.0		69.6	34-120				
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.4	20-120				
4-Chloroaniline	11.0	5.00	"	25.0		44.1	10-147				
4-Chlorophenyl phenyl ether	16.0	5.00	"	25.0		64.2	27-121				
4-Nitroaniline	22.9	5.00	"	25.0		91.4	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	13.3	5.00	"	25.0		53.2	25-110				
Aniline	7.49	5.00	"	25.0		30.0	10-117				
Benzaldehyde	11.9	5.00	"	25.0		47.6	29-117				
Benzoic acid	4.68	5.00	"	25.0		18.7	30-130	Low Bias			
Benzyl alcohol	12.6	5.00	"	25.0		50.4	10-117				
Benzyl butyl phthalate	20.8	5.00	"	25.0		83.1	29-133				
Bis(2-chloroethoxy)methane	15.3	5.00	"	25.0		61.2	10-154				
Bis(2-chloroethyl)ether	15.1	5.00	"	25.0		60.5	17-125				
Bis(2-chloroisopropyl)ether	14.2	5.00	"	25.0		56.6	10-139				
Caprolactam	3.46	5.00	"	25.0		13.8	10-137				
Carbazole	20.5	5.00	"	25.0		82.0	42-126				
Dibenzofuran	14.4	5.00	"	25.0		57.5	36-113				
Diethyl phthalate	19.7	5.00	"	25.0		78.9	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.6	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.5	31-120				
Di-n-octyl phthalate	21.0	5.00	"	25.0		84.2	21-149				
Diphenylamine	20.5	5.00	"	25.0		81.9	40-140				
Hexachlorocyclopentadiene	6.98	10.0	"	25.0		27.9	10-130				
Isophorone	16.9	5.00	"	25.0		67.6	25-127				
N-nitroso-di-n-propylamine	21.5	5.00	"	25.0		85.9	26-122				
N-Nitrosodiphenylamine	22.2	5.00	"	25.0		89.0	23-149				
Phenol	6.30	5.00	"	25.0		25.2	10-110				
Pyridine	3.63	5.00	"	35.0		10.4	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.3*		*"*	*50.0*		*34.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS1) LCS							Prepared: 01/13/2025 Analyzed: 01/14/2025				
Surrogate: SURR: Phenol-d6	*10.9*		*ug/L*	*50.0*		*21.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.1*		*"*	*25.0*		*64.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		*"*	*25.0*		*58.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.8*		*"*	*50.0*		*77.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.9*	*30.7-106*				
LCS (BA50677-BS2) LCS							Prepared: 01/13/2025 Analyzed: 01/14/2025				
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.460	0.0500	"	1.00		46.0	25-116				
Acenaphthylene	0.490	0.0500	"	1.00		49.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.540	0.0500	"	1.00		54.0	33-125				
Benzo(a)pyrene	0.540	0.0500	"	1.00		54.0	32-132				
Benzo(b)fluoranthene	0.520	0.0500	"	1.00		52.0	22-137				
Benzo(g,h,i)perylene	0.770	0.0500	"	1.00		77.0	10-138				
Benzo(k)fluoranthene	0.660	0.0500	"	1.00		66.0	20-137				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS2) LCS							Prepared: 01/13/2025 Analyzed: 01/14/2025				
Bis(2-ethylhexyl)phthalate	0.810	0.500	ug/L	1.00		81.0	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.520	0.0500	"	1.00		52.0	32-124				
Dibenzo(a,h)anthracene	0.640	0.0500	"	1.00		64.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Diphenylamine	ND	5.00	"	1.00			40-140	Low Bias			
Fluoranthene	0.610	0.0500	"	1.00		61.0	32-121				
Fluorene	0.480	0.0500	"	1.00		48.0	28-118				
Hexachlorobenzene	0.550	0.0200	"	1.00		55.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.640	0.0500	"	1.00		64.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.430	0.0500	"	1.00		43.0	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.490	0.0500	"	1.00		49.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.490	0.0500	"	1.00		49.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS Dup (BA50677-BSD1) LCS Dup								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	14.0	5.00	ug/L	25.0		56.0	33-95		0.645	20	
1,2,4,5-Tetrachlorobenzene	8.85	5.00	"	25.0		35.4	26-120		5.93	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.8	5.00	"	25.0		71.2	16-141		3.10	20	
2,3,4,6-Tetrachlorophenol	27.9	5.00	"	25.0		112	30-130		6.99	20	
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.5	32-114		4.16	20	
2,4,6-Trichlorophenol	16.3	5.00	"	25.0		65.3	35-118		6.75	20	
2,4-Dichlorophenol	14.5	5.00	"	25.0		58.1	25-116		6.46	20	
2,4-Dimethylphenol	16.4	5.00	"	25.0		65.4	15-116		4.48	20	
2,4-Dinitrophenol	28.2	5.00	"	25.0		113	10-170		0.283	20	
2,4-Dinitrotoluene	20.2	5.00	"	25.0		81.0	41-128		2.20	20	
2,6-Dinitrotoluene	18.8	5.00	"	25.0		75.4	45-116		5.87	20	
2-Chloronaphthalene	11.9	5.00	"	25.0		47.5	33-112		0.169	20	
2-Chlorophenol	14.0	5.00	"	25.0		55.8	15-120		7.65	20	
2-Methylnaphthalene	9.90	5.00	"	25.0		39.6	24-118		3.29	20	
2-Methylphenol	13.8	5.00	"	25.0		55.3	10-110		8.72	20	
2-Nitroaniline	19.0	5.00	"	25.0		76.1	34-129		6.01	20	
2-Nitrophenol	15.2	5.00	"	25.0		60.7	28-118		5.20	20	
3- & 4-Methylphenols	10.5	5.00	"	25.0		41.9	10-107		10.2	20	
3,3-Dichlorobenzidine	11.2	5.00	"	25.0		44.7	15-187		17.6	20	
3-Nitroaniline	16.7	5.00	"	25.0		66.8	24-134		9.85	20	
4,6-Dinitro-2-methylphenol	22.7	5.00	"	25.0		90.7	10-153		33.9	20	Non-dir.
4-Bromophenyl phenyl ether	12.2	5.00	"	25.0		48.8	34-120		35.1	20	Non-dir.
4-Chloro-3-methylphenol	17.9	5.00	"	25.0		71.6	20-120		6.43	20	
4-Chloroaniline	9.95	5.00	"	25.0		39.8	10-147		10.3	20	
4-Chlorophenyl phenyl ether	14.2	5.00	"	25.0		56.9	27-121		12.0	20	
4-Nitroaniline	17.0	5.00	"	25.0		68.2	13-134		29.1	20	Non-dir.
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	12.2	5.00	"	25.0		49.0	25-110		8.30	20	
Aniline	8.15	5.00	"	25.0		32.6	10-117		8.44	20	
Benzaldehyde	11.3	5.00	"	25.0		45.4	29-117		4.82	20	
Benzoic acid	3.54	5.00	"	25.0		14.2	30-130	Low Bias	27.7	20	Non-dir.
Benzyl alcohol	12.0	5.00	"	25.0		48.2	10-117		4.47	20	
Benzyl butyl phthalate	23.2	5.00	"	25.0		92.8	29-133		11.0	20	
Bis(2-chloroethoxy)methane	14.2	5.00	"	25.0		56.6	10-154		7.74	20	
Bis(2-chloroethyl)ether	14.0	5.00	"	25.0		55.8	17-125		8.05	20	
Bis(2-chloroisopropyl)ether	13.2	5.00	"	25.0		52.9	10-139		6.80	20	
Caprolactam	3.21	5.00	"	25.0		12.8	10-137		7.50	20	
Carbazole	19.9	5.00	"	25.0		79.7	42-126		2.82	20	
Dibenzofuran	13.9	5.00	"	25.0		55.6	36-113		3.25	20	
Diethyl phthalate	18.7	5.00	"	25.0		74.8	38-115		5.31	20	
Dimethyl phthalate	17.5	5.00	"	25.0		70.1	38-129		2.14	20	
Di-n-butyl phthalate	21.1	5.00	"	25.0		84.3	31-120		2.16	20	
Di-n-octyl phthalate	21.6	5.00	"	25.0		86.4	21-149		2.63	20	
Diphenylamine	15.9	5.00	"	25.0		63.4	40-140		25.4	20	Non-dir.
Hexachlorocyclopentadiene	8.35	10.0	"	25.0		33.4	10-130		17.9	20	
Isophorone	16.3	5.00	"	25.0		65.1	25-127		3.74	20	
N-nitroso-di-n-propylamine	21.0	5.00	"	25.0		83.8	26-122		2.50	20	
N-Nitrosodiphenylamine	17.7	5.00	"	25.0		70.9	23-149		22.6	20	Non-dir.
Phenol	5.73	5.00	"	25.0		22.9	10-110		9.48	20	
Pyridine	5.45	5.00	"	35.0		15.6	10-90		40.1	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*15.4*		*"*	*50.0*		*30.7*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

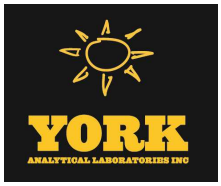
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS Dup (BA50677-BSD1) LCS Dup									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Surrogate: SURR: Phenol-d6	*9.91*		*ug/L*	*50.0*		*19.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.1*		*"*	*25.0*		*60.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.0*		*"*	*25.0*		*55.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*26.8*		*"*	*50.0*		*53.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.1*		*"*	*25.0*		*72.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

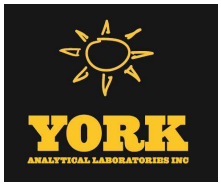
Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50568 - EPA 3550C												
Blank (BA50568-BLK1)	Blank									Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*584*		*"*	*495*		*118*	*39-127.5*				
LCS (BA50568-BS1)	LCS									Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane		531	19.8	ug/kg	495		107	40-130				
Surrogate: 1,4-Dioxane-d8		*545*		*"*	*495*		*110*	*39-127.5*				
Matrix Spike (BA50568-MS2)	Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane		484	19.8	ug/kg	495	ND	97.8	40-130				
Surrogate: 1,4-Dioxane-d8		*455*		*"*	*495*		*92.0*	*40-130*				
Matrix Spike Dup (BA50568-M	Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane		505	19.8	ug/kg	495	ND	102	40-130		4.20	30	
Surrogate: 1,4-Dioxane-d8		*495*		*"*	*495*		*100*	*40-130*				
Batch BA50761 - EPA 3535A												
Blank (BA50761-BLK1)	Blank									Prepared & Analyzed: 01/14/2025		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BA50761-BS1)	LCS									Prepared & Analyzed: 01/14/2025		
1,4-Dioxane		4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8		*3.04*		*"*	*4.00*		*76.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1) Blank									Prepared: 01/12/2025 Analyzed: 01/13/2025		
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	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	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.3*		*"*	*23.3*		*104*	*25-150*				
Surrogate: M5PFHxA	*25.8*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*25.0*		*"*	*23.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.2*		*"*	*25.0*		*92.8*	*25-150*				
Surrogate: M6PFDA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*11.9*		*"*	*12.5*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.09*		*"*	*12.5*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*6.37*		*"*	*12.5*		*51.0*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1) Blank								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.41*		*ng/L*	*100*		*2.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.6*		*"*	*23.9*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.3*		*"*	*50.0*		*56.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.6*		*"*	*50.0*		*97.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.9*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*31.5*		*"*	*47.5*		*66.2*	*25-200*				
Surrogate: M2-8:2 FTS	*34.2*		*"*	*48.0*		*71.3*	*25-200*				
Surrogate: M9PFNA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*33.5*		*"*	*46.9*		*71.5*	*25-150*				
Surrogate: d-N-MeFOSA	*17.5*		*"*	*25.0*		*69.9*	*25-150*				
Surrogate: d-N-EtFOSA	*16.0*		*"*	*25.0*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*90.9*		*"*	*100*		*90.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*173*		*"*	*250*		*69.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*182*		*"*	*250*		*72.8*	*25-150*				
LCS (BA50650-BS1) LCS								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	36.9	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	39.9	2.00	"	40.0		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	33.1	2.00	"	40.0		82.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	39.9	1.83	"	36.6		109	50-150				
Perfluorooctanoic acid (PFOA)	36.0	2.00	"	40.0		90.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.1	1.86	"	37.2		91.8	50-150				
Perfluorononanoic acid (PFNA)	36.5	2.00	"	40.0		91.3	50-150				
Perfluorodecanoic acid (PFDA)	31.9	2.00	"	40.0		79.7	50-150				
Perfluoroundecanoic acid (PFUnA)	42.0	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	41.0	2.00	"	40.0		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	60.0	2.00	"	40.0		150	50-150				
Perfluorotetradecanoic acid (PFTA)	37.7	2.00	"	40.0		94.4	50-150				
N-MeFOSAA	42.0	2.00	"	40.0		105	50-150				
N-EtFOSAA	42.7	2.00	"	40.0		107	50-150				
Perfluoropentanoic acid (PFPeA)	77.9	4.00	"	80.0		97.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	31.4	2.00	"	40.0		78.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	31.9	1.91	"	38.2		83.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.3	1.93	"	38.6		86.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	140	7.60	"	152		92.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	169	7.68	"	154		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	123	8.00	"	160		77.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.6	3.56	"	71.2		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.6	4.00	"	80.0		78.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.60	4.00	"	80.0		12.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	111	4.00	"	80.0		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.0	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	168	7.50	"	150		112	50-150				
HFPO-DA (Gen-X)	83.9	8.00	"	80.0		105	50-150				
11CL-PF3OUdS	72.0	7.56	"	75.6		95.2	50-150				
9CL-PF3ONS	77.3	7.48	"	74.8		103	50-150				
ADONA	84.0	7.56	"	75.6		111	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS1) LCS								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Perfluorododecanesulfonic acid (PFDoS)	23.5	1.94	ng/L	38.8		60.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.4	1.92	"	38.4		94.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	96.1	5.00	"	160		60.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	836	25.0	"	800		105	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	869	25.0	"	800		109	50-150				
N-MeFOSE	418	20.0	"	400		105	50-150				
N-MeFOSA	42.8	2.00	"	40.0		107	50-150				
N-EtFOSE	423	20.0	"	400		106	50-150				
N-EtFOSA	34.0	2.00	"	40.0		84.9	50-150				
Surrogate: M3PFBS	*24.9*		*"*	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*22.2*		*"*	*25.0*		*88.8*	*25-150*				
Surrogate: M4PFHpA	*26.7*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*25.8*		*"*	*23.7*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.7*		*"*	*25.0*		*98.8*	*25-150*				
Surrogate: M6PFDA	*15.3*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*13.0*		*"*	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.3*		*"*	*12.5*		*82.3*	*25-150*				
Surrogate: M2PFTeDA	*6.95*		*"*	*12.5*		*55.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.82*		*"*	*100*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.2*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.6*		*"*	*50.0*		*49.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.4*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		*"*	*50.0*		*96.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.7*		*"*	*50.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*48.4*		*"*	*47.6*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*52.5*		*"*	*48.0*		*109*	*25-200*				
Surrogate: M9PFNA	*13.2*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*43.6*		*"*	*46.9*		*93.0*	*25-150*				
Surrogate: d-N-MeFOSA	*16.6*		*"*	*25.0*		*66.6*	*25-150*				
Surrogate: d-N-EtFOSA	*13.7*		*"*	*25.0*		*54.8*	*25-150*				
Surrogate: M3HFPO-DA	*85.5*		*"*	*100*		*85.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*228*		*"*	*250*		*91.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*204*		*"*	*250*		*81.8*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2) LCS								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.34	1.77	ng/L	3.54		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.91	2.00	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.30	2.00	"	4.00		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.46	1.83	"	3.66		94.6	50-150				
Perfluorooctanoic acid (PFOA)	3.19	2.00	"	4.00		79.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	1.86	"	3.72		94.4	50-150				
Perfluorononanoic acid (PFNA)	3.02	2.00	"	4.00		75.4	50-150				
Perfluorodecanoic acid (PFDA)	3.13	2.00	"	4.00		78.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.75	2.00	"	4.00		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	2.71	2.00	"	4.00		67.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.77	2.00	"	4.00		119	50-150				
Perfluorotetradecanoic acid (PFTA)	2.99	2.00	"	4.00		74.7	50-150				
N-MeFOSAA	4.10	2.00	"	4.00		102	50-150				
N-EtFOSAA	4.08	2.00	"	4.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.63	4.00	"	8.00		95.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.17	2.00	"	4.00		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.04	1.91	"	3.82		79.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.45	1.93	"	3.86		63.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.4	7.60	"	15.2		81.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.5	7.68	"	15.4		94.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.37	8.00	"	16.0		52.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.87	3.56	"	7.12		96.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.69	4.00	"	8.00		71.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.674	4.00	"	8.00		8.43	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.0	4.00	"	8.00		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.71	1.88	"	3.76		98.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.9	7.50	"	15.0		99.6	50-150				
HFPO-DA (Gen-X)	7.66	8.00	"	8.00		95.7	50-150				
11CL-PF3OUdS	6.17	7.56	"	7.56		81.7	50-150				
9CL-PF3ONS	7.71	7.48	"	7.48		103	50-150				
ADONA	7.71	7.56	"	7.56		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.04	1.94	"	3.88		52.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	1.92	"	3.84		84.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.3	5.00	"	16.0		64.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.7	25.0	"	80.0		94.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.4	25.0	"	80.0		100	50-150				
N-MeFOSE	38.4	20.0	"	40.0		96.1	50-150				
N-MeFOSA	4.04	2.00	"	4.00		101	50-150				
N-EtFOSE	34.7	20.0	"	40.0		86.7	50-150				
N-EtFOSA	5.07	2.00	"	4.00		127	50-150				
Surrogate: M3PFBS	*23.2*		"	*23.3*		*99.6*	*25-150*				
Surrogate: M5PFHxA	*24.1*		"	*25.0*		*96.5*	*25-150*				
Surrogate: M4PFHpA	*23.4*		"	*25.0*		*93.5*	*25-150*				
Surrogate: M3PFHxS	*24.2*		"	*23.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.1*		"	*25.0*		*108*	*25-150*				
Surrogate: M6PFDA	*16.0*		"	*12.5*		*128*	*25-150*				
Surrogate: M7PFUdA	*15.5*		"	*12.5*		*124*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*9.55*		"	*12.5*		*76.4*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2) LCS									Prepared: 01/12/2025 Analyzed: 01/14/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.10*		*ng/L*	*100*		*2.10*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		*"*	*24.0*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.1*		*"*	*50.0*		*48.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.8*		*"*	*25.0*		*91.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.9*		*"*	*50.0*		*83.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*42.6*		*"*	*50.0*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*40.3*		*"*	*47.6*		*84.8*	*25-200*				
Surrogate: M2-8:2 FTS	*35.5*		*"*	*48.0*		*74.0*	*25-200*				
Surrogate: M9PFNA	*12.2*		*"*	*12.5*		*97.3*	*25-150*				
Surrogate: M2-4:2 FTS	*37.3*		*"*	*46.9*		*79.6*	*25-150*				
Surrogate: d-N-MeFOSA	*18.8*		*"*	*25.0*		*75.3*	*25-150*				
Surrogate: d-N-EtFOSA	*19.1*		*"*	*25.0*		*76.5*	*25-150*				
Surrogate: M3HFPO-DA	*101*		*"*	*100*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*150*		*"*	*250*		*59.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*171*		*"*	*250*		*68.5*	*25-150*				
Duplicate (BA50650-DUP1) Duplicate *Source sample: 25A0510-04 (SOFB01_010925)									Prepared: 01/12/2025 Analyzed: 01/15/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.78	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	2.01	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	2.01	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.84	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	2.01	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.87	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	2.01	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.01	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.01	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.01	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.01	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.01	"		ND					30	
N-MeFOSAA	ND	2.01	"		ND					30	
N-EtFOSAA	ND	2.01	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	4.02	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.01	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.92	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.94	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.64	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.72	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	8.05	"		0.367					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.58	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.02	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.02	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.02	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.89	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.54	"		ND					30	
HFPO-DA (Gen-X)	ND	8.05	"		ND					30	
11CL-PF3OUdS	ND	7.60	"		ND					30	
9CL-PF3ONS	ND	7.52	"		ND					30	
ADONA	ND	7.60	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Duplicate (BA50650-DUP1) Duplicate	*Source sample: 25A0510-04 (SOFB01_010925)								Prepared: 01/12/2025 Analyzed: 01/15/2025		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.95	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.93	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.03	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.1	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.1	"		ND					30	
N-MeFOSE	ND	20.1	"		ND					30	
N-MeFOSA	ND	2.01	"		ND					30	
N-EtFOSE	ND	20.1	"		ND					30	
N-EtFOSA	ND	2.01	"		ND					30	
Surrogate: M3PFBS	*24.7*		"	*23.4*		*106*	*25-150*				
Surrogate: M5PFHxA	*25.2*		"	*25.1*		*100*	*25-150*				
Surrogate: M4PFHpA	*23.3*		"	*25.1*		*92.7*	*25-150*				
Surrogate: M3PFHxS	*25.1*		"	*23.8*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.6*		"	*25.1*		*97.7*	*25-150*				
Surrogate: M6PFDA	*12.1*		"	*12.6*		*96.4*	*25-150*				
Surrogate: M7PFUdA	*12.3*		"	*12.6*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.6*		"	*12.6*		*92.3*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		"	*12.6*		*80.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.30*		"	*101*		*3.28*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.6*		"	*24.1*		*93.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.1*		"	*50.3*		*71.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.3*		"	*25.1*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.6*		"	*50.3*		*96.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.7*		"	*50.3*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*35.9*		"	*47.8*		*75.1*	*25-200*				
Surrogate: M2-8:2 FTS	*34.8*		"	*48.3*		*72.0*	*25-200*				
Surrogate: M9PFNA	*10.9*		"	*12.6*		*87.0*	*25-150*				
Surrogate: M2-4:2 FTS	*37.8*		"	*47.2*		*80.1*	*25-150*				
Surrogate: d-N-MeFOSA	*23.4*		"	*25.1*		*93.0*	*25-150*				
Surrogate: d-N-EtFOSA	*20.5*		"	*25.1*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*105*		"	*101*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*169*		"	*251*		*67.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*174*		"	*251*		*69.2*	*25-150*				

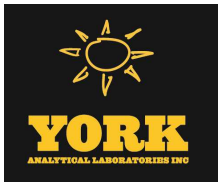
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1) Blank									Prepared: 01/12/2025 Analyzed: 01/14/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.30*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.32*		"	*2.47*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.38*		"	*2.47*		*96.3*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.34*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.24*		*88.6*	*25-150*				
Surrogate: M2PFTeDA	*0.732*		"	*1.24*		*59.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1) Blank								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.233*		*ug/kg wet*	*9.88*		*2.36*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.37*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		*"*	*4.94*		*59.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.27*		*"*	*2.47*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.94*		*82.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.28*		*"*	*4.94*		*86.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.31*		*"*	*4.70*		*91.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.83*		*"*	*4.74*		*80.8*	*25-200*				
Surrogate: M9PFNA	*1.53*		*"*	*1.24*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*4.06*		*"*	*4.63*		*87.5*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		*"*	*2.47*		*83.3*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		*"*	*2.47*		*82.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.67*		*"*	*9.88*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		*"*	*24.7*		*60.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.7*		*"*	*24.7*		*59.3*	*25-150*				
LCS (BA50651-BS1) LCS								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.57	0.175	ug/kg wet	3.50		102	50-150				
Perfluorohexanoic acid (PFHxA)	3.95	0.198	"	3.96		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.92	0.198	"	3.96		99.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.70	0.181	"	3.62		102	50-150				
Perfluorooctanoic acid (PFOA)	3.68	0.198	"	3.96		93.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.0	50-150				
Perfluorononanoic acid (PFNA)	3.49	0.198	"	3.96		88.0	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.7	50-150				
Perfluoroundecanoic acid (PFUnA)	4.21	0.198	"	3.96		106	50-150				
Perfluorododecanoic acid (PFDoA)	4.01	0.198	"	3.96		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.12	0.198	"	3.96		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.47	0.198	"	3.96		87.6	50-150				
N-MeFOSAA	4.03	0.198	"	3.96		102	50-150				
N-EtFOSAA	4.17	0.198	"	3.96		105	50-150				
Perfluoropentanoic acid (PFPeA)	7.85	0.396	"	7.92		99.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.07	0.198	"	3.96		103	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.05	0.198	"	3.78		80.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.73	0.191	"	3.82		71.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.752	"	15.0		85.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.7	0.760	"	15.2		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.9	0.792	"	15.8		93.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.96	0.352	"	7.05		98.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.37	0.396	"	7.92		80.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.03	0.396	"	7.92		13.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.8	0.396	"	7.92		137	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	0.186	"	3.72		100	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.5	0.743	"	14.9		97.6	50-150				
HFPO-DA (Gen-X)	8.69	0.792	"	7.92		110	50-150				
11CL-PF3OUdS	7.01	0.749	"	7.49		93.7	50-150				
9CL-PF3ONS	8.37	0.741	"	7.41		113	50-150				
ADONA	8.35	0.749	"	7.49		112	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS1) LCS								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.57	0.192	ug/kg wet	3.84		66.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.64	0.190	"	3.80		95.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.0	0.990	"	15.8		69.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	78.4	4.95	"	79.2		99.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	83.7	4.95	"	79.2		106	50-150				
N-MeFOSE	43.5	1.98	"	39.6		110	50-150				
N-MeFOSA	4.51	0.198	"	3.96		114	50-150				
N-EtFOSE	38.3	1.98	"	39.6		96.7	50-150				
N-EtFOSA	3.54	0.198	"	3.96		89.4	50-150				
Surrogate: M3PFBS	*2.23*		"	*2.31*		*96.7*	*25-150*				
Surrogate: M5PFHxA	*2.55*		"	*2.48*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.54*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.36*		"	*2.35*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.22*		"	*1.24*		*98.4*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.24*		*95.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.05*		"	*1.24*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.940*		"	*1.24*		*75.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.280*		"	*9.90*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.55*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		"	*4.95*		*58.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		"	*2.48*		*94.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.25*		"	*4.95*		*85.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.50*		"	*4.95*		*90.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.13*		"	*4.71*		*87.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.62*		"	*4.75*		*76.1*	*25-200*				
Surrogate: M9PFNA	*1.20*		"	*1.24*		*97.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.82*		"	*4.64*		*82.4*	*25-150*				
Surrogate: d-N-MeFOSA	*2.12*		"	*2.48*		*85.7*	*25-150*				
Surrogate: d-N-EtFOSA	*2.13*		"	*2.48*		*86.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.71*		"	*9.90*		*98.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.3*		"	*24.8*		*66.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		"	*24.8*		*70.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

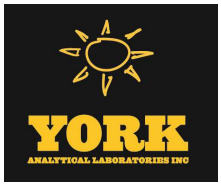
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS2) LCS								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	0.320	0.176	ug/kg wet	0.351		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.391	0.198	"	0.397		98.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.395	0.198	"	0.397		99.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.408	0.182	"	0.363		112	50-150				
Perfluorooctanoic acid (PFOA)	0.319	0.198	"	0.397		80.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.185	"	0.369		98.3	50-150				
Perfluorononanoic acid (PFNA)	0.314	0.198	"	0.397		79.2	50-150				
Perfluorodecanoic acid (PFDA)	0.339	0.198	"	0.397		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.198	"	0.397		85.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.427	0.198	"	0.397		108	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.462	0.198	"	0.397		117	50-150				
Perfluorotetradecanoic acid (PFTA)	0.305	0.198	"	0.397		77.0	50-150				
N-MeFOSAA	0.365	0.198	"	0.397		91.9	50-150				
N-EtFOSAA	0.370	0.198	"	0.397		93.2	50-150				
Perfluoropentanoic acid (PFPeA)	0.714	0.397	"	0.794		90.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.382	0.198	"	0.397		96.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.327	0.198	"	0.379		86.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.295	0.191	"	0.383		76.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.35	0.754	"	1.51		89.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.50	0.762	"	1.52		98.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	0.776	0.794	"	1.59		48.9	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.657	0.353	"	0.706		93.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.655	0.397	"	0.794		82.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0627	0.397	"	0.794		7.90	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.03	0.397	"	0.794		129	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.357	0.187	"	0.373		95.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.37	0.744	"	1.49		92.0	50-150				
HFPO-DA (Gen-X)	0.682	0.794	"	0.794		85.9	50-150				
11CL-PF3OUdS	0.574	0.750	"	0.750		76.5	50-150				
9CL-PF3ONS	0.766	0.742	"	0.742		103	50-150				
ADONA	0.738	0.750	"	0.750		98.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.207	0.192	"	0.385		53.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.337	0.190	"	0.381		88.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.934	0.992	"	1.59		58.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.47	4.96	"	7.94		94.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	8.03	4.96	"	7.94		101	50-150				
N-MeFOSE	4.22	1.98	"	3.97		106	50-150				
N-MeFOSA	0.430	0.198	"	0.397		108	50-150				
N-EtFOSE	3.94	1.98	"	3.97		99.2	50-150				
N-EtFOSA	0.521	0.198	"	0.397		131	50-150				
Surrogate: M3PFBS	*2.52*		"	*2.31*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.34*		"	*2.48*		*94.2*	*25-150*				
Surrogate: M4PFHpA	*2.54*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.68*		"	*2.35*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M2PFTeDA	*0.828*		"	*1.24*		*66.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS2) LCS									Prepared: 01/12/2025 Analyzed: 01/14/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.203*		*ug/kg wet*	*9.92*		*2.05*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.37*		*"*	*4.96*		*47.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.48*		*94.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.35*		*"*	*4.96*		*87.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.25*		*"*	*4.96*		*85.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.44*		*"*	*4.72*		*94.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.92*		*"*	*4.76*		*82.4*	*25-200*				
Surrogate: M9PFNA	*1.14*		*"*	*1.24*		*92.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.14*		*"*	*4.65*		*89.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.48*		*77.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		*"*	*2.48*		*73.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.58*		*"*	*9.92*		*96.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		*"*	*24.8*		*59.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.8*		*"*	*24.8*		*67.9*	*25-150*				
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/16/2025		
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	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
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	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/16/2025		
9CL-PF3ONS	ND	0.747	ug/kg wet								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*3.04*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*3.06*		"	*2.37*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		"	*2.50*		*111*	*25-150*				
Surrogate: M6PFDA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: M7PFUdA	*1.30*		"	*1.25*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.28*		"	*1.25*		*102*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		"	*1.25*		*86.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		"	*9.98*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.43*		"	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.38*		"	*4.99*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.50*		*94.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.52*		"	*4.99*		*90.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.63*		"	*4.99*		*92.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.86*		"	*4.75*		*81.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.73*		"	*4.79*		*77.8*	*25-200*				
Surrogate: M9PFNA	*1.50*		"	*1.25*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*4.21*		"	*4.68*		*89.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		"	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		"	*2.50*		*71.1*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		"	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.5*		"	*25.0*		*74.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		"	*25.0*		*68.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS1) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	3.21	0.177	ug/kg wet	3.54		90.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.200	"	4.00		90.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.13	0.200	"	4.00		78.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.35	0.183	"	3.66		91.7	50-150				
Perfluorooctanoic acid (PFOA)	3.09	0.200	"	4.00		77.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.14	0.186	"	3.72		84.4	50-150				
Perfluorononanoic acid (PFNA)	2.84	0.200	"	4.00		70.9	50-150				
Perfluorodecanoic acid (PFDA)	3.69	0.200	"	4.00		92.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.19	0.200	"	4.00		79.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.44	0.200	"	4.00		86.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.95	0.200	"	4.00		98.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.48	0.200	"	4.00		87.1	50-150				
N-MeFOSAA	3.96	0.200	"	4.00		99.0	50-150				
N-EtFOSAA	4.04	0.200	"	4.00		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.11	0.400	"	8.00		88.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.66	0.200	"	4.00		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.24	0.200	"	3.82		84.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.193	"	3.86		71.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.6	0.760	"	15.2		82.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.768	"	15.4		91.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.7	0.800	"	16.0		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.86	0.356	"	7.12		82.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.86	0.400	"	8.00		85.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.25	0.400	"	8.00		90.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.48	0.400	"	8.00		81.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.188	"	3.76		93.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.1	0.750	"	15.0		94.0	50-150				
HFPO-DA (Gen-X)	7.65	0.800	"	8.00		95.6	50-150				
11CL-PF3OUdS	4.40	0.756	"	7.56		58.2	50-150				
9CL-PF3ONS	5.72	0.748	"	7.48		76.4	50-150				
ADONA	6.85	0.756	"	7.56		90.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.68	0.194	"	3.88		69.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.192	"	3.84		89.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.3	1.00	"	16.0		121	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.4	5.00	"	80.0		86.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	64.4	5.00	"	80.0		80.5	50-150				
N-MeFOSE	41.6	2.00	"	40.0		104	50-150				
N-MeFOSA	3.86	0.200	"	4.00		96.6	50-150				
N-EtFOSE	35.4	2.00	"	40.0		88.5	50-150				
N-EtFOSA	3.85	0.200	"	4.00		96.3	50-150				
Surrogate: M3PFBS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: M5PFHxA	*2.91*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.37*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.50*		*119*	*25-150*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.2*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.21*		"	*1.25*		*96.7*	*25-150*				
Surrogate: M2PFTeDA	*0.965*		"	*1.25*		*77.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS1) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.96*		*"*	*5.00*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.50*		*94.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.20*		*"*	*5.00*		*84.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.26*		*"*	*5.00*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		*"*	*4.76*		*85.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.80*		*"*	*4.80*		*79.1*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*4.08*		*"*	*4.69*		*87.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.50*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		*"*	*10.0*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		*"*	*25.0*		*79.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.5*		*"*	*25.0*		*78.1*	*25-150*				
LCS (BA50775-BS2) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	0.308	0.176	ug/kg wet	0.353		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.307	0.199	"	0.398		77.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.277	0.199	"	0.398		69.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.289	0.182	"	0.365		79.2	50-150				
Perfluorooctanoic acid (PFOA)	0.290	0.199	"	0.398		72.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.418	0.185	"	0.371		113	50-150				
Perfluorononanoic acid (PFNA)	0.251	0.199	"	0.398		62.9	50-150				
Perfluorodecanoic acid (PFDA)	0.303	0.199	"	0.398		76.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.199	"	0.398		84.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.347	0.199	"	0.398		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.360	0.199	"	0.398		90.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.309	0.199	"	0.398		77.6	50-150				
N-MeFOSAA	0.346	0.199	"	0.398		86.8	50-150				
N-EtFOSAA	0.357	0.199	"	0.398		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.663	0.398	"	0.797		83.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.342	0.199	"	0.398		85.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.315	0.199	"	0.380		82.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.265	0.192	"	0.384		69.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.32	0.757	"	1.51		87.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.19	0.765	"	1.53		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.19	0.797	"	1.59		74.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.528	0.355	"	0.709		74.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.700	0.398	"	0.797		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.142	0.398	"	0.797		17.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.660	0.398	"	0.797		82.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.297	0.187	"	0.375		79.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.33	0.747	"	1.49		88.9	50-150				
HFPO-DA (Gen-X)	0.660	0.797	"	0.797		82.8	50-150				
11CL-PF3OUdS	0.371	0.753	"	0.753		49.2	50-150	Low Bias			
9CL-PF3ONS	0.478	0.745	"	0.745		64.2	50-150				
ADONA	0.606	0.753	"	0.753		80.5	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorododecanesulfonic acid (PFDoS)	0.170	0.193	ug/kg wet	0.386		44.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.473	0.191	"	0.382		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.40	0.996	"	1.59		87.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.28	4.98	"	7.97		78.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	4.53	4.98	"	7.97		56.9	50-150				
N-MeFOSE	3.89	1.99	"	3.98		97.7	50-150				
N-MeFOSA	0.406	0.199	"	0.398		102	50-150				
N-EtFOSE	3.71	1.99	"	3.98		93.2	50-150				
N-EtFOSA	0.273	0.199	"	0.398		68.4	50-150				
Surrogate: M3PFBS	*2.61*		"	*2.32*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.72*		"	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.36*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.35*		"	*2.49*		*94.3*	*25-150*				
Surrogate: M6PFDA	*0.909*		"	*1.25*		*73.0*	*25-150*				
Surrogate: M7PFUdA	*0.916*		"	*1.25*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.868*		"	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		"	*1.25*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.548*		"	*9.96*		*5.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.55*		"	*2.39*		*64.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		"	*4.98*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.71*		"	*2.49*		*68.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		"	*4.98*		*65.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.35*		"	*4.98*		*67.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.49*		"	*4.74*		*73.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.05*		"	*4.78*		*63.8*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.25*		*97.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.77*		"	*4.67*		*80.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.40*		"	*2.49*		*56.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		"	*2.49*		*51.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		"	*9.96*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		"	*24.9*		*57.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		"	*24.9*		*60.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

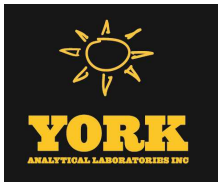
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike (BA50775-MS1) Matrix Spike	*Source sample: 25A0510-06RE1 (SB16_6-8)							Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	3.77	0.205	ug/kg dry	4.10	ND	92.1	25-150				
Perfluorohexanoic acid (PFHxA)	4.48	0.232	"	4.63	ND	96.7	25-150				
Perfluoroheptanoic acid (PFHpA)	4.06	0.232	"	4.63	ND	87.8	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.78	0.212	"	4.24	ND	89.2	25-150				
Perfluorooctanoic acid (PFOA)	4.08	0.232	"	4.63	ND	88.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.99	0.215	"	4.31	ND	92.7	25-150				
Perfluorononanoic acid (PFNA)	3.54	0.232	"	4.63	ND	76.4	25-150				
Perfluorodecanoic acid (PFDA)	3.39	0.232	"	4.63	ND	73.2	25-150				
Perfluoroundecanoic acid (PFUnA)	4.02	0.232	"	4.63	ND	86.7	25-150				
Perfluorododecanoic acid (PFDoA)	4.48	0.232	"	4.63	ND	96.8	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.86	0.232	"	4.63	ND	105	25-150				
Perfluorotetradecanoic acid (PFTA)	3.21	0.232	"	4.63	ND	69.4	25-150				
N-MeFOSAA	4.02	0.232	"	4.63	ND	86.8	25-150				
N-EtFOSAA	4.11	0.232	"	4.63	ND	88.8	25-150				
Perfluoropentanoic acid (PFPeA)	8.47	0.463	"	9.26	ND	91.5	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.58	0.232	"	4.63	ND	98.8	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.57	0.232	"	4.42	ND	80.7	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.94	0.223	"	4.47	ND	88.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.5	0.880	"	17.6	ND	88.3	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.3	0.889	"	17.8	ND	97.1	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.1	0.926	"	18.5	ND	92.3	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.48	0.412	"	8.24	ND	90.8	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.13	0.463	"	9.26	ND	66.1	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.21	0.463	"	9.26	ND	77.8	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.83	0.463	"	9.26	ND	84.5	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.87	0.218	"	4.35	ND	89.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.0	0.868	"	17.4	ND	92.0	25-150				
HFPO-DA (Gen-X)	7.34	0.926	"	9.26	ND	79.3	25-150				
11CL-PF3OUdS	6.37	0.875	"	8.75	ND	72.7	25-150				
9CL-PF3ONS	7.17	0.866	"	8.66	ND	82.8	25-150				
ADONA	7.13	0.875	"	8.75	ND	81.5	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.20	0.225	"	4.49	ND	71.2	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.42	0.222	"	4.45	ND	99.5	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	22.8	1.16	"	18.5	ND	123	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	91.0	5.79	"	92.6	ND	98.2	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	86.9	5.79	"	92.6	ND	93.8	25-150				
N-MeFOSE	43.1	2.32	"	46.3	ND	93.0	25-150				
N-MeFOSA	4.10	0.232	"	4.63	ND	88.6	25-150				
N-EtFOSE	43.7	2.32	"	46.3	ND	94.3	25-150				
N-EtFOSA	3.97	0.232	"	4.63	ND	85.7	25-150				
Surrogate: M3PFBS	*2.77*		*"*	*2.70*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.77*		*"*	*2.89*		*95.7*	*25-150*				
Surrogate: M4PFHpA	*2.75*		*"*	*2.89*		*94.9*	*25-150*				
Surrogate: M3PFHxS	*2.94*		*"*	*2.74*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.73*		*"*	*2.89*		*94.3*	*25-150*				
Surrogate: M6PFDA	*1.61*		*"*	*1.45*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.33*		*"*	*1.45*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.29*		*"*	*1.45*		*89.4*	*25-150*				
Surrogate: M2PFTeDA	*1.15*		*"*	*1.45*		*79.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike (BA50775-MS1) Matrix Spike	*Source sample: 25A0510-06RE1 (SB16_6-8)								Prepared: 01/14/2025 Analyzed: 01/16/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.99*		*ug/kg dry*	*11.6*		*77.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.68*		*"*	*2.77*		*96.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.07*		*"*	*5.79*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.60*		*"*	*2.89*		*89.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.91*		*"*	*5.79*		*102*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.92*		*"*	*5.79*		*102*	*25-150*				
Surrogate: M2-6:2 FTS	*4.39*		*"*	*5.50*		*79.8*	*25-200*				
Surrogate: M2-8:2 FTS	*5.01*		*"*	*5.56*		*90.2*	*25-200*				
Surrogate: M9PFNA	*1.52*		*"*	*1.45*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*4.25*		*"*	*5.43*		*78.3*	*25-150*				
Surrogate: d-N-MeFOSA	*1.99*		*"*	*2.89*		*68.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.59*		*"*	*2.89*		*55.0*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*11.6*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*28.9*		*63.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.9*		*"*	*28.9*		*68.8*	*25-150*				
Matrix Spike Dup (BA50775-M Matrix Spike Dup	*Source sample: 25A0510-06RE1 (SB16_6-8)								Prepared: 01/14/2025 Analyzed: 01/16/2025		
Perfluorobutanesulfonic acid (PFBS)	3.96	0.205	ug/kg dry	4.10	ND	96.5	25-150		4.71	35	
Perfluorohexanoic acid (PFHxA)	4.58	0.232	"	4.63	ND	98.9	25-150		2.26	35	
Perfluoroheptanoic acid (PFHpA)	4.57	0.232	"	4.63	ND	98.7	25-150		11.8	35	
Perfluorohexanesulfonic acid (PFHxS)	4.18	0.212	"	4.24	ND	98.8	25-150		10.2	35	
Perfluorooctanoic acid (PFOA)	4.22	0.232	"	4.63	ND	91.2	25-150		3.49	35	
Perfluorooctanesulfonic acid (PFOS)	4.22	0.215	"	4.31	ND	98.0	25-150		5.51	35	
Perfluorononanoic acid (PFNA)	4.11	0.232	"	4.63	ND	88.8	25-150		14.9	35	
Perfluorodecanoic acid (PFDA)	3.89	0.232	"	4.63	ND	83.9	25-150		13.7	35	
Perfluoroundecanoic acid (PFUnA)	3.99	0.232	"	4.63	ND	86.1	25-150		0.725	35	
Perfluorododecanoic acid (PFDoA)	4.48	0.232	"	4.63	ND	96.7	25-150		0.130	35	
Perfluorotridecanoic acid (PFTrDA)	5.04	0.232	"	4.63	ND	109	25-150		3.61	35	
Perfluorotetradecanoic acid (PFTA)	4.11	0.232	"	4.63	ND	88.8	25-150		24.5	35	
N-MeFOSAA	4.30	0.232	"	4.63	ND	92.8	25-150		6.70	35	
N-EtFOSAA	4.73	0.232	"	4.63	ND	102	25-150		13.9	35	
Perfluoropentanoic acid (PFPeA)	9.02	0.463	"	9.26	ND	97.4	25-150		6.31	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.67	0.232	"	4.63	ND	101	25-150		1.94	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.97	0.232	"	4.42	ND	89.8	25-150		10.6	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.27	0.223	"	4.47	ND	95.5	25-150		8.04	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.9	0.880	"	17.6	ND	90.5	25-150		2.40	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.2	0.889	"	17.8	ND	96.8	25-150		0.290	35	
Perfluoro-n-butanoic acid (PFBA)	18.0	0.926	"	18.5	ND	97.3	25-150		5.24	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.74	0.412	"	8.24	ND	93.9	25-150		3.38	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.64	0.463	"	9.26	ND	82.5	25-150		22.1	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.62	0.463	"	9.26	ND	93.0	25-150		17.8	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.38	0.463	"	9.26	ND	90.5	25-150		6.88	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.25	0.218	"	4.35	ND	97.5	25-150		9.15	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	17.1	0.868	"	17.4	ND	98.4	25-150		6.74	30	
HFPO-DA (Gen-X)	8.55	0.926	"	9.26	ND	92.3	25-150		15.2	30	
11CL-PF3OUdS	7.50	0.875	"	8.75	ND	85.7	25-150		16.4	30	
9CL-PF3ONS	8.65	0.866	"	8.66	ND	99.9	25-150		18.7	30	
ADONA	8.57	0.875	"	8.75	ND	98.0	25-150		18.3	30	



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike Dup (BA50775-M Matrix Spike Dup	*Source sample: 25A0510-06RE1 (SB16_6-8)								Prepared: 01/14/2025 Analyzed: 01/16/2025		
Perfluorododecanesulfonic acid (PFDoS)	3.47	0.225	ug/kg dry	4.49	ND	77.2	25-150		8.05	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.222	"	4.45	ND	104	25-150		4.61	30	
3-Perfluoropropyl propanoic acid (FPrPA)	24.3	1.16	"	18.5	ND	131	25-150		6.28	30	
3-Perfluoropentyl propanoic acid (FPePA)	92.8	5.79	"	92.6	ND	100	25-150		2.04	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	85.0	5.79	"	92.6	ND	91.8	25-150		2.19	30	
N-MeFOSE	50.1	2.32	"	46.3	ND	108	25-150		15.0	30	
N-MeFOSA	4.95	0.232	"	4.63	ND	107	25-150		18.7	30	
N-EtFOSE	46.6	2.32	"	46.3	ND	101	25-150		6.54	30	
N-EtFOSA	3.81	0.232	"	4.63	ND	82.3	25-150		3.97	30	
Surrogate: M3PFBS	*3.18*		*"*	*2.70*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.09*		*"*	*2.89*		*107*	*25-150*				
Surrogate: M4PFHpA	*3.11*		*"*	*2.89*		*107*	*25-150*				
Surrogate: M3PFHxS	*3.18*		*"*	*2.74*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.02*		*"*	*2.89*		*104*	*25-150*				
Surrogate: M6PFDA	*1.58*		*"*	*1.45*		*109*	*25-150*				
Surrogate: M7PFUdA	*1.64*		*"*	*1.45*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.36*		*"*	*1.45*		*94.3*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		*"*	*1.45*		*74.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*"*	*11.6*		*97.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.66*		*"*	*2.77*		*96.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.41*		*"*	*5.79*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.96*		*"*	*2.89*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.84*		*"*	*5.79*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.67*		*"*	*5.79*		*115*	*25-150*				
Surrogate: M2-6:2 FTS	*5.18*		*"*	*5.50*		*94.0*	*25-200*				
Surrogate: M2-8:2 FTS	*5.46*		*"*	*5.56*		*98.2*	*25-200*				
Surrogate: M9PFNA	*1.35*		*"*	*1.45*		*93.3*	*25-150*				
Surrogate: M2-4:2 FTS	*4.84*		*"*	*5.43*		*89.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.84*		*"*	*2.89*		*63.6*	*25-150*				
Surrogate: d-N-EtFOSA	*2.01*		*"*	*2.89*		*69.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.7*		*"*	*11.6*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.0*		*"*	*28.9*		*72.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*21.3*		*"*	*28.9*		*73.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK1) Blank									Prepared: 01/10/2025 Analyzed: 01/11/2025		
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	*0.0905*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0711*		*"*	*0.200*		*35.6*	*30-150*				
LCS (BA50563-BS1) LCS									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0630	0.00400	ug/L	0.100		63.0	40-140			20	
4,4'-DDE	0.0546	0.00400	"	0.100		54.6	40-140			20	
4,4'-DDT	0.0644	0.00400	"	0.100		64.4	40-140			20	
Aldrin	0.0400	0.00400	"	0.100		40.0	40-140			20	
alpha-BHC	0.0497	0.00400	"	0.100		49.7	40-140			20	
alpha-Chlordane	0.0490	0.00400	"	0.100		49.0	40-140			20	
beta-BHC	0.0572	0.00400	"	0.100		57.2	40-140			20	
delta-BHC	0.0575	0.00400	"	0.100		57.5	40-140			20	
Dieldrin	0.0543	0.00200	"	0.100		54.3	40-140			20	
Endosulfan I	0.0523	0.00400	"	0.100		52.3	40-140			20	
Endosulfan II	0.0619	0.00400	"	0.100		61.9	40-140			20	
Endosulfan sulfate	0.0655	0.00400	"	0.100		65.5	40-140			20	
Endrin	0.0614	0.00400	"	0.100		61.4	40-140			20	
Endrin aldehyde	0.0663	0.0100	"	0.100		66.3	40-140			20	
Endrin ketone	0.0668	0.0100	"	0.100		66.8	40-140			20	
gamma-BHC (Lindane)	0.0525	0.00400	"	0.100		52.5	40-140			20	
gamma-Chlordane	0.0515	0.0100	"	0.100		51.5	40-140			20	
Heptachlor	0.0499	0.00400	"	0.100		49.9	40-140			20	
Heptachlor epoxide	0.0495	0.00400	"	0.100		49.5	40-140			20	
Methoxychlor	0.0787	0.00400	"	0.100		78.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0851*		*"*	*0.200*		*42.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0647*		*"*	*0.200*		*32.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
LCS Dup (BA50563-BSD1) LCS Dup									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0731	0.00400	ug/L	0.100		73.1	40-140		14.8	20	
4,4'-DDE	0.0632	0.00400	"	0.100		63.2	40-140		14.6	20	
4,4'-DDT	0.0778	0.00400	"	0.100		77.8	40-140		18.8	20	
Aldrin	0.0416	0.00400	"	0.100		41.6	40-140		3.80	20	
alpha-BHC	0.0524	0.00400	"	0.100		52.4	40-140		5.33	20	
alpha-Chlordane	0.0556	0.00400	"	0.100		55.6	40-140		12.6	20	
beta-BHC	0.0616	0.00400	"	0.100		61.6	40-140		7.38	20	
delta-BHC	0.0585	0.00400	"	0.100		58.5	40-140		1.82	20	
Dieldrin	0.0626	0.00200	"	0.100		62.6	40-140		14.2	20	
Endosulfan I	0.0598	0.00400	"	0.100		59.8	40-140		13.3	20	
Endosulfan II	0.0723	0.00400	"	0.100		72.3	40-140		15.4	20	
Endosulfan sulfate	0.0748	0.00400	"	0.100		74.8	40-140		13.3	20	
Endrin	0.0717	0.00400	"	0.100		71.7	40-140		15.5	20	
Endrin aldehyde	0.0746	0.0100	"	0.100		74.6	40-140		11.8	20	
Endrin ketone	0.0769	0.0100	"	0.100		76.9	40-140		14.0	20	
gamma-BHC (Lindane)	0.0556	0.00400	"	0.100		55.6	40-140		5.68	20	
gamma-Chlordane	0.0582	0.0100	"	0.100		58.2	40-140		12.0	20	
Heptachlor	0.0512	0.00400	"	0.100		51.2	40-140		2.64	20	
Heptachlor epoxide	0.0545	0.00400	"	0.100		54.5	40-140		9.52	20	
Methoxychlor	0.0922	0.00400	"	0.100		92.2	40-140		15.8	20	
Surrogate: Decachlorobiphenyl	*0.0995*		*"*	*0.200*		*49.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0692*		*"*	*0.200*		*34.6*	*30-150*				
Batch BA50684 - EPA 3550C											
Blank (BA50684-BLK1) Blank									Prepared & Analyzed: 01/13/2025		
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	*0.0478*		*"*	*0.0664*		*71.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0664*		*83.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50684 - EPA 3550C											
LCS (BA50684-BS1) LCS									Prepared: 01/13/2025 Analyzed: 01/14/2025		
4,4'-DDD	0.0264	0.00164	mg/kg wet	0.0332		79.3	40-140				
4,4'-DDE	0.0269	0.00164	"	0.0332		81.1	40-140				
4,4'-DDT	0.0270	0.00164	"	0.0332		81.3	40-140				
Aldrin	0.0263	0.00164	"	0.0332		79.3	40-140				
alpha-BHC	0.0261	0.00164	"	0.0332		78.6	40-140				
alpha-Chlordane	0.0266	0.00164	"	0.0332		80.1	40-140				
beta-BHC	0.0273	0.00164	"	0.0332		82.2	40-140				
delta-BHC	0.0227	0.00164	"	0.0332		68.4	40-140				
Dieldrin	0.0268	0.00164	"	0.0332		80.5	40-140				
Endosulfan I	0.0275	0.00164	"	0.0332		82.9	40-140				
Endosulfan II	0.0290	0.00164	"	0.0332		87.3	40-140				
Endosulfan sulfate	0.0276	0.00164	"	0.0332		83.0	40-140				
Endrin	0.0282	0.00164	"	0.0332		85.0	40-140				
Endrin aldehyde	0.0301	0.00164	"	0.0332		90.6	40-140				
Endrin ketone	0.0290	0.00164	"	0.0332		87.2	40-140				
gamma-BHC (Lindane)	0.0262	0.00164	"	0.0332		78.9	40-140				
gamma-Chlordane	0.0269	0.00164	"	0.0332		80.9	40-140				
Heptachlor	0.0261	0.00164	"	0.0332		78.4	40-140				
Heptachlor epoxide	0.0270	0.00164	"	0.0332		81.3	40-140				
Methoxychlor	0.0308	0.00164	"	0.0332		92.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0466*		*"*	*0.0664*		*70.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0481*		*"*	*0.0664*		*72.3*	*30-150*				
Matrix Spike (BA50684-MS1) Matrix Spike *Source sample: 25A0510-06 (SB16_6-8)									Prepared: 01/13/2025 Analyzed: 01/15/2025		
4,4'-DDD	0.0344	0.00191	mg/kg dry	0.0385	ND	89.1	30-150				
4,4'-DDE	0.0315	0.00191	"	0.0385	ND	81.8	30-150				
4,4'-DDT	0.0352	0.00191	"	0.0385	ND	91.4	30-150				
Aldrin	0.0289	0.00191	"	0.0385	ND	75.1	30-150				
alpha-BHC	0.0300	0.00191	"	0.0385	ND	78.0	30-150				
alpha-Chlordane	0.0306	0.00191	"	0.0385	ND	79.5	30-150				
beta-BHC	0.0326	0.00191	"	0.0385	ND	84.7	30-150				
delta-BHC	0.0301	0.00191	"	0.0385	ND	78.0	30-150				
Dieldrin	0.0321	0.00191	"	0.0385	ND	83.2	30-150				
Endosulfan I	0.0324	0.00191	"	0.0385	ND	84.1	30-150				
Endosulfan II	0.0361	0.00191	"	0.0385	ND	93.7	30-150				
Endosulfan sulfate	0.0360	0.00191	"	0.0385	ND	93.4	30-150				
Endrin	0.0380	0.00191	"	0.0385	ND	98.6	30-150				
Endrin aldehyde	0.0397	0.00191	"	0.0385	ND	103	30-150				
Endrin ketone	0.0361	0.00191	"	0.0385	ND	93.6	30-150				
gamma-BHC (Lindane)	0.0314	0.00191	"	0.0385	ND	81.6	30-150				
gamma-Chlordane	0.0310	0.00191	"	0.0385	ND	80.5	30-150				
Heptachlor	0.0334	0.00191	"	0.0385	ND	86.6	30-150				
Heptachlor epoxide	0.0312	0.00191	"	0.0385	ND	81.0	30-150				
Methoxychlor	0.0412	0.00191	"	0.0385	ND	107	30-150				
Surrogate: Decachlorobiphenyl	*0.0481*		*"*	*0.0771*		*62.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0771*		*66.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50684 - EPA 3550C											
Matrix Spike Dup (BA50684-M Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/13/2025 Analyzed: 01/15/2025		
4,4'-DDD	0.0325	0.00191	mg/kg dry	0.0385	ND	84.3	30-150		5.53	30	
4,4'-DDE	0.0296	0.00191	"	0.0385	ND	76.9	30-150		6.20	30	
4,4'-DDT	0.0329	0.00191	"	0.0385	ND	85.3	30-150		6.92	30	
Aldrin	0.0273	0.00191	"	0.0385	ND	70.8	30-150		5.89	30	
alpha-BHC	0.0283	0.00191	"	0.0385	ND	73.4	30-150		6.00	30	
alpha-Chlordane	0.0289	0.00191	"	0.0385	ND	74.9	30-150		6.00	30	
beta-BHC	0.0304	0.00191	"	0.0385	ND	79.0	30-150		7.03	30	
delta-BHC	0.0280	0.00191	"	0.0385	ND	72.6	30-150		7.22	30	
Dieldrin	0.0299	0.00191	"	0.0385	ND	77.7	30-150		6.83	30	
Endosulfan I	0.0307	0.00191	"	0.0385	ND	79.6	30-150		5.51	30	
Endosulfan II	0.0342	0.00191	"	0.0385	ND	88.8	30-150		5.40	30	
Endosulfan sulfate	0.0328	0.00191	"	0.0385	ND	85.0	30-150		9.41	30	
Endrin	0.0355	0.00191	"	0.0385	ND	92.2	30-150		6.72	30	
Endrin aldehyde	0.0370	0.00191	"	0.0385	ND	96.0	30-150		7.10	30	
Endrin ketone	0.0338	0.00191	"	0.0385	ND	87.7	30-150		6.50	30	
gamma-BHC (Lindane)	0.0296	0.00191	"	0.0385	ND	76.7	30-150		6.21	30	
gamma-Chlordane	0.0295	0.00191	"	0.0385	ND	76.5	30-150		5.16	30	
Heptachlor	0.0313	0.00191	"	0.0385	ND	81.2	30-150		6.44	30	
Heptachlor epoxide	0.0296	0.00191	"	0.0385	ND	76.7	30-150		5.46	30	
Methoxychlor	0.0376	0.00191	"	0.0385	ND	97.5	30-150		9.32	30	
Surrogate: Decachlorobiphenyl	*0.0439*		*"*	*0.0771*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0469*		*"*	*0.0771*		*60.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK2) Blank								Prepared & Analyzed: 01/10/2025			
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	*0.0700*		*"*	*0.200*		*35.0*	*30-120*				
LCS (BA50563-BS2) LCS								Prepared & Analyzed: 01/10/2025			
Aroclor 1016	0.514	0.0500	ug/L	1.00		51.4	40-120				
Aroclor 1260	0.601	0.0500	"	1.00		60.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0740*		*"*	*0.200*		*37.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0790*		*"*	*0.200*		*39.5*	*30-120*				
Batch BA50684 - EPA 3550C											
Blank (BA50684-BLK2) Blank								Prepared & Analyzed: 01/13/2025			
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	*0.0588*		*"*	*0.0664*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0495*		*"*	*0.0664*		*74.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50684 - EPA 3550C											
LCS (BA50684-BS2) LCS							Prepared & Analyzed: 01/13/2025				
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.3	40-130				
Aroclor 1260	0.260	0.0166	"	0.332		78.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0485*		"	*0.0664*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0422*		"	*0.0664*		*63.5*	*30-120*				
Matrix Spike (BA50684-MS2) Matrix Spike *Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025				
Aroclor 1016	0.257	0.0193	mg/kg dry	0.385	ND	66.7	40-140				
Aroclor 1260	0.259	0.0193	"	0.385	ND	67.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0505*		"	*0.0771*		*65.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0443*		"	*0.0771*		*57.5*	*30-120*				
Matrix Spike Dup (BA50684-M Matrix Spike Dup *Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025				
Aroclor 1016	0.264	0.0193	mg/kg dry	0.385	ND	68.4	40-140		2.55	50	
Aroclor 1260	0.266	0.0193	"	0.385	ND	68.9	40-140		2.65	50	
Surrogate: Tetrachloro-m-xylene	*0.0536*		"	*0.0771*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0466*		"	*0.0771*		*60.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50564 - EPA 3550C/8151A											
Blank (BA50564-BLK1) Blank											Prepared: 01/10/2025 Analyzed: 01/12/2025
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)	*0.411*		*"*	*0.415*		*99.0*	*21-150*				
LCS (BA50564-BS1) LCS											Prepared: 01/10/2025 Analyzed: 01/12/2025
2,4,5-T	0.0831	0.0199	mg/kg wet	0.0664		125	10-120	High Bias			
2,4,5-TP (Silvex)	0.0806	0.0199	"	0.0664		121	10-120	High Bias			
2,4-D	0.0756	0.0199	"	0.0664		114	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.510*		*"*	*0.415*		*123*	*21-150*				
Batch BA50657 - EPA 3550C/8151A											
Blank (BA50657-BLK1) Blank											Prepared: 01/13/2025 Analyzed: 01/14/2025
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)	*0.249*		*"*	*0.415*		*60.0*	*21-150*				
LCS (BA50657-BS1) LCS											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	0.0324	0.0199	mg/kg wet	0.0664		48.8	10-120				
2,4,5-TP (Silvex)	0.0473	0.0199	"	0.0664		71.2	10-120				
2,4-D	0.0349	0.0199	"	0.0664		52.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.326*		*"*	*0.415*		*78.6*	*21-150*				
Matrix Spike (BA50657-MS2) Matrix Spike *Source sample: 25A0510-06 (SB16_6-8)											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	0.0617	0.0231	mg/kg dry	0.0771	ND	80.0	10-120				
2,4,5-TP (Silvex)	0.0626	0.0231	"	0.0771	ND	81.2	10-120				
2,4-D	0.0655	0.0231	"	0.0771	ND	85.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.469*		*"*	*0.482*		*97.4*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50657 - EPA 3550C/8151A											
Matrix Spike Dup (BA50657-M Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	0.0617	0.0231	mg/kg dry	0.0771	ND	80.0	10-120		0.00	35	
2,4,5-TP (Silvex)	0.0694	0.0231	"	0.0771	ND	90.0	10-120		10.2	35	
2,4-D	0.0636	0.0231	"	0.0771	ND	82.5	10-118		2.99	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.439*		*"*	*0.482*		*91.2*	*21-150*				
Batch BA50675 - EPA 8151A											
Blank (BA50675-BLK1) Blank									Prepared: 01/13/2025 Analyzed: 01/14/2025		
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)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS (BA50675-BS1) LCS									Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	16.2	5.00	ug/L	20.0		81.2	10-140				
2,4,5-TP (Silvex)	15.5	5.00	"	20.0		77.5	10-139				
2,4-D	17.8	5.00	"	20.0		88.8	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*101*		*"*	*125*		*80.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50766 - EPA 3015A											
Blank (BA50766-BLK1) Blank									Prepared & Analyzed: 01/14/2025		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA50766-BS1) LCS									Prepared & Analyzed: 01/14/2025		
Aluminum	1.84		ug/mL	2.00		91.9	80-120				
Barium	1.98		"	2.00		98.9	80-120				
Calcium	1.05		"	1.00		105	80-120				
Chromium	0.199		"	0.200		99.6	80-120				
Cobalt	0.499		"	0.500		99.8	80-120				
Copper	0.251		"	0.250		100	80-120				
Iron	0.958		"	1.00		95.8	80-120				
Lead	0.473		"	0.500		94.7	80-120				
Magnesium	0.973		"	1.00		97.3	80-120				
Manganese	0.499		"	0.500		99.7	80-120				
Nickel	0.501		"	0.500		100	80-120				
Potassium	0.975		"	1.00		97.5	80-120				
Silver	0.0460		"	0.0500		92.0	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.492		"	0.500		98.5	80-120				
Zinc	0.481		"	0.500		96.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50797 - EPA 3050B											
Blank (BA50797-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/15/2025		
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	11.9	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.00	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BA50797-DUP1) Duplicate	*Source sample: 25A0510-06 (SB16_6-8)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Aluminum	10600	4.83	mg/kg dry		10200				3.73	35	
Antimony	ND	2.42	"		ND					35	
Arsenic	5.68	1.45	"		5.91				3.84	35	
Barium	28.9	2.41	"		27.5				5.10	35	
Beryllium	0.537	0.049	"		0.540				0.538	35	
Cadmium	ND	0.290	"		ND					35	
Calcium	539	4.83	"		504				6.60	35	
Chromium	14.1	0.484	"		14.1				0.00	35	
Cobalt	8.14	0.386	"		7.45				8.80	35	
Copper	14.4	1.93	"		14.5				1.00	35	
Iron	17900	24.2	"		18300				2.54	35	
Lead	9.35	0.484	"		8.01				15.4	35	
Magnesium	2480	4.84	"		2470				0.704	35	
Manganese	309	0.484	"		279				10.4	35	
Nickel	22.5	0.963	"		21.2				5.89	35	
Potassium	1170	4.84	"		1180				1.03	35	
Selenium	ND	2.42	"		ND					35	
Silver	ND	0.487	"		ND					35	
Sodium	ND	48.3	"		ND					35	
Thallium	ND	1.16	"		ND					35	
Vanadium	20.8	0.963	"		20.6				1.12	35	
Zinc	55.1	2.41	"		61.2				10.6	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50797 - EPA 3050B											
Matrix Spike (BA50797-MS1) Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Aluminum	8930	4.83	mg/kg dry	193	10200	NR	75-125	Low Bias			
Antimony	9.66	2.42	"	24.2	ND	40.0	75-125	Low Bias			
Arsenic	199	1.45	"	193	5.91	99.9	75-125				
Barium	232	2.41	"	193	27.5	106	75-125				
Beryllium	5.67	0.049	"	4.83	0.540	106	75-125				
Cadmium	4.86	0.290	"	4.83	ND	101	75-125				
Calcium	660	4.83	"	96.7	504	162	75-125	High Bias			
Chromium	33.7	0.484	"	19.3	14.1	101	75-125				
Cobalt	58.7	0.386	"	48.3	7.45	106	75-125				
Copper	39.1	1.93	"	24.2	14.5	102	75-125				
Iron	15900	24.2	"	96.7	18300	NR	75-125	Low Bias			
Lead	58.2	0.484	"	48.3	8.01	104	75-125				
Magnesium	2260	4.84	"	96.7	2470	NR	75-125	Low Bias			
Manganese	328	0.484	"	48.3	279	102	75-125				
Nickel	70.9	0.963	"	48.3	21.2	103	75-125				
Potassium	1110	4.84	"	96.7	1180	NR	75-125	Low Bias			
Selenium	186	2.42	"	193	ND	96.2	75-125				
Silver	5.20	0.487	"	4.83	ND	108	75-125				
Sodium	143	48.3	"	96.7	ND	148	75-125	High Bias			
Thallium	200	1.16	"	193	ND	103	75-125				
Vanadium	68.9	0.963	"	48.3	20.6	100	75-125				
Zinc	93.3	2.41	"	48.3	61.2	66.3	75-125	Low Bias			
Post Spike (BA50797-PS1) Post Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Aluminum	107		ug/mL	2.00	106	54.6	75-125	Low Bias			
Antimony	0.257		"	0.250	-0.005	103	75-125				
Arsenic	2.13		"	2.00	0.061	103	75-125				
Barium	2.45		"	2.00	0.284	109	75-125				
Beryllium	0.061		"	0.0500	0.006	111	75-125				
Cadmium	0.051		"	0.0500	-0.0001	102	75-125				
Calcium	6.25		"	1.00	5.22	103	75-125				
Chromium	0.356		"	0.200	0.146	105	75-125				
Cobalt	0.618		"	0.500	0.077	108	75-125				
Copper	0.438		"	0.250	0.150	115	75-125				
Iron	189		"	1.00	190	NR	75-125	Low Bias			
Lead	0.594		"	0.500	0.083	102	75-125				
Magnesium	26.3		"	1.00	25.5	78.4	75-125				
Manganese	3.38		"	0.500	2.88	99.3	75-125				
Nickel	0.760		"	0.500	0.219	108	75-125				
Potassium	13.2		"	1.00	12.2	100	75-125				
Selenium	1.99		"	2.00	0.008	99.1	75-125				
Silver	0.052		"	0.0500	0.002	101	75-125				
Sodium	1.51		"	1.00	0.437	107	75-125				
Thallium	2.09		"	2.00	-0.004	105	75-125				
Vanadium	0.744		"	0.500	0.213	106	75-125				
Zinc	1.14		"	0.500	0.633	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50797 - EPA 3050B											
Reference (BA50797-SRM1) Reference								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Aluminum	5920	4.17	mg/kg wet	7680		77.0	35.7-119				
Antimony	57.3	2.08	"	244		23.5	0-125				
Arsenic	219	1.25	"	283		77.3	70-99.5				
Barium	276	2.08	"	326		84.7	73.9-107.1				
Beryllium	152	0.042	"	175		87.0	75.4-107.4				
Cadmium	76.4	0.250	"	95.8		79.8	72.3-103.7				
Calcium	4830	4.17	"	5470		88.4	79.5-113.2				
Chromium	194	0.417	"	239		81.2	72.4-106.3				
Cobalt	132	0.333	"	150		88.3	76-107.3				
Copper	196	1.67	"	217		90.2	74.6-105.1				
Iron	6160	20.8	"	7360		83.7	53-127.9				
Lead	178	0.417	"	210		84.8	75.7-109.5				
Magnesium	1760	4.17	"	2080		84.4	67.3-111.1				
Manganese	249	0.417	"	290		85.7	73.4-107.3				
Nickel	285	0.830	"	329		86.5	74.5-106.7				
Potassium	1900	4.17	"	2330		81.6	60.9-111.6				
Selenium	246	2.08	"	281		87.5	77.6-115.7				
Silver	46.7	0.420	"	82.7		56.5	73.8-111.7	Low Bias			
Sodium	375	41.7	"	427		87.8	71.2-118.7				
Thallium	103	1.00	"	123		83.5	70.2-104.9				
Vanadium	154	0.830	"	192		80.0	68.8-107.8				
Zinc	219	2.08	"	260		84.3	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50767 - EPA 3015A											
Blank (BA50767-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA50767-BS1) LCS									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	54.8		ug/L	50.0		110	80-120				
Arsenic	49.2		"	50.0		98.5	80-120				
Beryllium	51.2		"	50.0		102	80-120				
Cadmium	52.2		"	50.0		104	80-120				
Selenium	39.8		"	50.0		79.6	80-120	Low Bias			
Thallium	47.1		"	50.0		94.2	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50780 - EPA SW846-7470A												
Blank (BA50780-BLK1)	Blank								Prepared & Analyzed: 01/14/2025			
Mercury		ND	0.0002	mg/L								
Blank (BA50780-BLK2)	Blank								Prepared & Analyzed: 01/14/2025			
Mercury		ND	0.0002	mg/L								
LCS (BA50780-BS1)	LCS								Prepared & Analyzed: 01/14/2025			
Mercury		0.0020465	0.0002	mg/L	0.00200		102	80-120				
LCS (BA50780-BS2)	LCS								Prepared & Analyzed: 01/14/2025			
Mercury		0.0019783	0.0002	mg/L	0.00200		98.9	80-120				
Batch BA50791 - EPA 7473 soil												
Blank (BA50791-BLK1)	Blank								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BA50791-DUP1)	Duplicate	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury		0.0568	0.0348	mg/kg dry		0.208				114	35	Non-dir.
Matrix Spike (BA50791-MS1)	Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury		0.371		mg/kg	0.500	0.180	38.3	75-125	Low Bias			
Reference (BA50791-SRM1)	Reference								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury		22.440		mg/kg	24.9		90.1	64.7-118.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50521 - Analysis Preparation											
Blank (BA50521-BLK1) Blank								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA50521-BS1) LCS								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	0.507	0.0100	mg/L	0.500		101	85-115				
Batch BA50596 - Analysis Preparation											
Blank (BA50596-BLK1) Blank								Prepared & Analyzed: 01/10/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BA50596-BS1) LCS								Prepared & Analyzed: 01/10/2025			
Cyanide, total	0.0990	0.0100	mg/L	0.100		99.0	80-120				
Batch BA50659 - EPA SW846-3060											
Blank (BA50659-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA50659-SRM1) Reference								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	283		mg/L	227		125	42.3-157.7				
Batch BA50665 - Analysis Preparation Soil											
Blank (BA50665-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50665 - Analysis Preparation Soil											
Reference (BA50665-SRM1) Reference								Prepared & Analyzed: 01/13/2025			
Cyanide, total	128		ug/mL	111		115	43.5-170				
Batch BA50691 - EPA SW846-3060											
Blank (BA50691-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA50691-DUP1) Duplicate	*Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	ND	0.580	mg/kg dry		ND					35	
Matrix Spike (BA50691-MS1) Matrix Spike	*Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	17.2	0.580	mg/kg dry	23.2	ND	74.0	75-125	Low Bias			
Matrix Spike Dup (BA50691- Matrix Spike Dup	*Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	18.3	0.580	mg/kg dry	23.2	ND	78.8	75-125		6.28	200	
Reference (BA50691-SRM1) Reference								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	209		mg/L	227		92.0	42.3-157.7				
Batch BA50707 - Analysis Preparation Soil											
Blank (BA50707-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA50707-DUP1) Duplicate	*Source sample: 25A0510-06 (SB16_6-8)							Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.580	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50707 - Analysis Preparation Soil											
Matrix Spike (BA50707-MS1) Matrix Spike *Source sample: 25A0510-06 (SB16_6-8)										Prepared & Analyzed: 01/13/2025	
Cyanide, total	5.28	0.580	mg/kg dry	5.80	ND	91.0	79.6-107				
Matrix Spike Dup (BA50707-M Matrix Spike Dup *Source sample: 25A0510-06 (SB16_6-8)										Prepared & Analyzed: 01/13/2025	
Cyanide, total	5.63	0.580	mg/kg dry	5.80	ND	97.0	79.6-107		6.38	200	
Reference (BA50707-SRM1) Reference										Prepared & Analyzed: 01/13/2025	
Cyanide, total	139		ug/mL	111		126	43.5-170				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50680 - % Solids Prep											
Duplicate (BA50680-DUP1) Duplicate	*Source sample: 25A0510-06 (SB16_6-8)								Prepared & Analyzed: 01/13/2025		
% Solids	86.0	0.100	%		86.2				0.244	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0510-01	SB19_5-7	40mL Vial with Stir Bar-Cool 4° C
25A0510-02	SB20_6-8	40mL Vial with Stir Bar-Cool 4° C
25A0510-03	TB02_010925	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0510-04	SOFB01_010925	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0510-05	SB16_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0510-06	SB16_6-8	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
PF-CCV-L	The CCV recovery for this PFAS compound was below control 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.
PFSu-L	The isotopically labeled surrogate recovered below 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.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.

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.

RI

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25A0510

Page 1 of 1

Report To:	Invoice To:
Company: Langan NYC	Company:
Address: 368 Ninth Ave, New York, NY 10001	Address: SAME
Phone.: 212-479-5400	Phone.:
Contact: Nick Palumbo	Contact:
E-mail: NPALUMBO@Langan.com	E-mail:

YOUR Project Name / Number: 198-200 Conover 1705422203

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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.

Samples Collected by: (print AND sign your name) Logan Clements

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

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)

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:	Part 375 TCL VOCs	TCL SVOCs	PCBs	Pesticides	Herbicides	TAL Metals Linquidins Hex+Tri Chromium	Total Cyanide	PFAS	1,4-Dioxane	MS/MSD		Grab or Comp.
SB19_5-7	1/9/25	9:30	S	X		X								X	X	X	X	X	X	X	X	Y			G/C
SB20_6-8	↓	12:30	S												X	X	X	X	X	X	X	X			
TB02_~~010925~~ 010925		—	AQ																						
SOFB01_~~010925~~ 010925	↓	14:30	AQ											↓	X	X	X	X	X	X	X	X	\		
~~SB16-0-2~~																									
~~SB16~~																									
~~SB17-0-2~~																									
~~SB17~~																									
~~SB18-0-2~~																									
~~SB18~~																									
SB16-0-2	1/9/25	13:45	S	X		X								X	X	X	X	X	X	X	X	X			
SB16-6-8	1/9/25	14:15	S	X		X								X	X	X	X	X	X	X	X	X	X		

Field Filtered [ ]

Lab Filtered [ ]

Comments: Please CC: DATAMANAGEMENT@Langan.com, LGROSE@Langan.com + NPALUMBO@Langan.com on all deliverables.

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: L. Clements / Langan	Date/Time: 1/8/25 @ 15:00	
2. Samples Received by / Company: [signature]	Date/Time: 1/9/25 16:30 4.2	
4. Samples Relinquished by / Company: A. Mi	Date/Time: 1/9/25 20:30	
1. Samples Received by / Company: [signature]	Date/Time: 1/9/25 15-	
3. Samples Relinquished by / Company: [signature]	Date/Time: 1/9/25 17:45	
4. Samples Received by / Company:	Date/Time:	
2. Samples Relinquished by / Company: [signature]	Date/Time: 1/9/25 16:30	
3. Samples Received by / Company: A. Mi	Date/Time: 1/9/25 17:45	
Samples Received in LAB by: [signature]	Date/Time: 1/9/25 20:30	Temperature: 2.8 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 01/17/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0605

Report Date: 01/17/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0605

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 10, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A0605-01	SB17_0-2	Soil	01/10/2025	01/10/2025
25A0605-02	SB17_6-8	Soil	01/10/2025	01/10/2025
25A0605-03	SB18_0-2	Soil	01/10/2025	01/10/2025
25A0605-04	SB18_6-8	Soil	01/10/2025	01/10/2025
25A0605-05	TB03_011025	Water	01/10/2025	01/10/2025

General Notes for York Project (SDG) No.: 25A0605

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  **Date:** 01/17/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.073	0.15	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0073	0.015	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0073	0.015	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D	01/13/2025 10:47	01/13/2025 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

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	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0792**	J	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.198	0.397	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.170**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.397	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.751**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

SVOA, 8270 MASTER

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
50-32-8	**Benzo(a)pyrene**	**0.809**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.675**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.535**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.683**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.105**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.842**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.138**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0991	0.198	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**1.39**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.550**	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.788**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.38**		mg/kg dry	0.0496	0.0991	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.198	0.397	2	EPA 8270E	01/14/2025 08:21	01/15/2025 13:33	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.7 %*	*24-116*

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

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	19.0	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 13:35	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*39-127.5*

PFAS, EPA 1633 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	0.133	0.212	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.120**	J	ug/kg dry	0.0636	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.215	0.220	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.206	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.745**		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.227	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.233	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.152**	J	ug/kg dry	0.131	0.480	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.900	0.912	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.906	0.922	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.960	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.232	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0744	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.714	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.730	0.960	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.373	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.295	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.761	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.52	6.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	6.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.733	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:13	AM

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.837	2.40	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:13	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*99.6 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.4 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.3 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*74.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.1 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.6 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*83.8 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*45.6 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.1 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.3 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.4 %*	*25-150*

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:24	scb
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*81.2 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:35	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-120*

HERB, 8151 MASTER

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	0.0234	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0234	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0234	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

HERB, 8151 MASTER

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 (.*	*89.4 %*			*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**	**6340**		mg/kg dry	4.98	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.49	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.45**		mg/kg dry	1.49	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**218**		mg/kg dry	2.49	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.450**		mg/kg dry	0.050	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.02**		mg/kg dry	0.299	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2660**		mg/kg dry	4.98	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.499	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.38**		mg/kg dry	0.398	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**66.4**		mg/kg dry	1.99	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14100**		mg/kg dry	24.9	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**471**		mg/kg dry	0.499	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3000**		mg/kg dry	4.99	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**220**		mg/kg dry	0.499	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**39.1**		mg/kg dry	0.992	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**967**	B	mg/kg dry	4.99	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.502	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

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**	**94.8**		mg/kg dry	49.8	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.0**		mg/kg dry	0.992	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**1260**		mg/kg dry	2.48	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0359	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.598	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**18.1**		mg/kg	0.500	1	Calculation	01/16/2025 14:34	01/16/2025 14:46	SL
							Certifications:			

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**	**1.01**		mg/kg dry	0.598	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB17_0-2 **York Sample ID:** 25A0605-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:15 am	01/10/2025

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**	**83.6**		%	0.100	1	SM 2540G	01/14/2025 06:29	01/14/2025 13:03	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

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	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:03	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.4 %*	*24-116*

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

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	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/16/2025 13:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 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	0.129	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0616	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.871	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0720	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.691	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.706	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:29	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.736	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.710	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:29	AM

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:29	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.809	2.32	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:29	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:29	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*93.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.5 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*94.1 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.5 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*80.2 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*80.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*79.4 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.4 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*68.7 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.9 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*78.8 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*71.4 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.4 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.4 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.0 %*	*25-150*

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:39	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.8 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	01/14/2025 08:24	01/14/2025 16:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

HERB, 8151 MASTER

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	0.0229	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

HERB, 8151 MASTER

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 (.*	*82.8 %*			*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**	**10200**		mg/kg dry	4.87	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.43	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.73**		mg/kg dry	1.46	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**20.2**		mg/kg dry	2.43	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.414**		mg/kg dry	0.049	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**515**		mg/kg dry	4.87	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.8**		mg/kg dry	0.487	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.55**		mg/kg dry	0.389	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.8**		mg/kg dry	1.95	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19300**		mg/kg dry	24.3	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.99**		mg/kg dry	0.487	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2680**		mg/kg dry	4.87	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**357**		mg/kg dry	0.487	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.8**		mg/kg dry	0.970	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1270**	B	mg/kg dry	4.87	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

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**	**122**		mg/kg dry	48.7	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.17	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.8**		mg/kg dry	0.970	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**35.3**		mg/kg dry	2.42	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0350	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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**	**1.22**		mg/kg dry	0.584	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**15.6**		mg/kg	0.500	1	Calculation	01/16/2025 14:34	01/16/2025 14:46	SL
							Certifications:			

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	0.584	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB17_6-8 **York Sample ID:** 25A0605-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 9:20 am	01/10/2025

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**	**85.6**		%	0.100	1	SM 2540G	01/14/2025 06:29	01/14/2025 13:03	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	01/13/2025 10:47	01/13/2025 18:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

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	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0604**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

SVOA, 8270 MASTER

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
50-32-8	**Benzo(a)pyrene**	**0.0657**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0551**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0642**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0574**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0944	0.189	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0657**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.378	2	EPA 8270E	01/14/2025 08:21	01/15/2025 14:34	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.5 %*	*24-116*

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

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	19.0	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 14:12	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

PFAS, EPA 1633 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	0.127	0.203	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.118**	J	ug/kg dry	0.0608	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.205	0.210	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.197	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.569**		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.219	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.187	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.170	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.222	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.187**	J	ug/kg dry	0.125	0.459	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.178	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.860	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.866	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.125	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.221	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0711	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.180	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.682	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.697	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.357	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.282	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.200	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.194	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 16:45	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.727	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.41	5.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.72	5.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.701	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 16:45	AM

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.799	2.29	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 16:45	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*99.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*93.2 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*82.5 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.5 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*80.5 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*85.6 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*77.1 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*49.0 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.7 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.5 %*	*25-150*

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	01/14/2025 08:24	01/14/2025 22:54	scb
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*76.6 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*63.4 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:03	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

HERB, 8151 MASTER

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	0.0226	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

HERB, 8151 MASTER

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 (.*	*65.6 %*			*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**	**6080**		mg/kg dry	4.80	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.8**		mg/kg dry	1.44	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**85.0**		mg/kg dry	2.39	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.399**		mg/kg dry	0.048	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1380**		mg/kg dry	4.80	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.1**		mg/kg dry	0.480	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**13.6**		mg/kg dry	0.383	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**26.5**		mg/kg dry	1.92	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15400**		mg/kg dry	24.0	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**226**		mg/kg dry	0.480	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**15400**		mg/kg dry	4.80	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**280**		mg/kg dry	0.480	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**156**		mg/kg dry	0.956	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1120**	B	mg/kg dry	4.80	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

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**	**92.4**		mg/kg dry	48.0	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	0.956	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**147**		mg/kg dry	2.39	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0345	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.576	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**21.1**		mg/kg	0.500	1	Calculation	01/16/2025 14:34	01/16/2025 14:46	SL
							Certifications:			

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	0.576	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB18_0-2 **York Sample ID:** 25A0605-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 11:45 am	01/10/2025

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**	**86.9**		%	0.100	1	SM 2540G	01/15/2025 06:24	01/15/2025 13:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	01/13/2025 10:47	01/13/2025 19:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

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	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CAL-E	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0983	0.196	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

SVOA, 8270 MASTER **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
86-73-7	Fluorene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	01/14/2025 08:21	01/15/2025 15:05	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.0 %*	*24-116*

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

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	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/16/2025 14:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*124 %*	*39-127.5*

PFAS, EPA 1633 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	0.131	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0624	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.225	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.147	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.121	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.174	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.128	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.884	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.889	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.128	0.942	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.227	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0730	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.701	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.716	0.942	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.366	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.290	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.199	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 17:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.747	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.47	5.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.720	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 17:01	AM

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

PFAS, EPA 1633 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
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 17:01	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.821	2.36	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 17:01	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 17:01	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*140 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*143 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*119 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*127 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*101 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*101 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*135 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.7 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.9 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.1 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.9 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*69.0 %*	*25-150*

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

PEST, 8081 MASTER

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0383	5	EPA 8081B	01/14/2025 08:24	01/14/2025 23:10	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.7 %*	*30-150*

PCB, 8082 MASTER

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	01/14/2025 08:24	01/14/2025 17:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

HERB, 8151 MASTER

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	0.0232	1	EPA 8151A	01/14/2025 08:44	01/15/2025 14:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/14/2025 08:44	01/15/2025 14:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/14/2025 08:44	01/15/2025 14:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

HERB, 8151 MASTER

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 (.*	*89.8 %*			*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**	**10200**		mg/kg dry	4.93	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.46	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.25**		mg/kg dry	1.48	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**19.9**		mg/kg dry	2.46	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.429**		mg/kg dry	0.050	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**563**		mg/kg dry	4.93	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.493	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.22**		mg/kg dry	0.394	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.16**		mg/kg dry	1.97	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16500**		mg/kg dry	24.6	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.41**		mg/kg dry	0.493	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1900**		mg/kg dry	4.93	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**131**		mg/kg dry	0.493	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.982	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**846**	B	mg/kg dry	4.93	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.497	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

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**	**57.6**		mg/kg dry	49.3	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	0.982	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.7**		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 15:58	01/15/2025 15:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.380**		mg/kg dry	0.0355	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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	0.591	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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**	**16.3**		mg/kg	0.500	1	Calculation	01/16/2025 14:34	01/16/2025 14:46	SL
							Certifications:			

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	0.591	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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: SB18_6-8 **York Sample ID:** 25A0605-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Soil	January 10, 2025 12:30 pm	01/10/2025

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**	**84.5**		%	0.100	1	SM 2540G	01/15/2025 06:24	01/15/2025 13:06	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB03_011025 **York Sample ID:** 25A0605-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Water	January 10, 2025 3:00 pm	01/10/2025

VOA, 8260 LOW MASTER

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	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB03_011025 **York Sample ID:** 25A0605-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Water	January 10, 2025 3:00 pm	01/10/2025

VOA, 8260 LOW MASTER

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	CCVE	ug/L	0.320	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	ICVE	ug/L	0.365	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB03_011025 **York Sample ID:** 25A0605-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Water	January 10, 2025 3:00 pm	01/10/2025

VOA, 8260 LOW MASTER

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	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB03_011025 **York Sample ID:** 25A0605-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0605	170562203	Water	January 10, 2025 3:00 pm	01/10/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/13/2025 12:00	01/13/2025 20:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Analytical Batch Summary

Batch ID: BA50744 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25

Batch ID: BA50753 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50753-BLK1	Blank	01/14/25
BA50753-SRM1	Reference	01/14/25

Batch ID: BA50757 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50757-BLK1	Blank	01/14/25
BA50757-BS1	LCS	01/14/25

Batch ID: BA50758 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50758-BLK1	Blank	01/14/25
BA50758-BLK2	Blank	01/14/25
BA50758-BS1	LCS	01/14/25
BA50758-BS2	LCS	01/14/25

Batch ID: BA50764 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25

25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50764-BLK1	Blank	01/14/25
BA50764-BS1	LCS	01/14/25

Batch ID: BA50765 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50765-BLK1	Blank	01/14/25
BA50765-BS1	LCS	01/14/25

Batch ID: BA50775 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50775-BLK1	Blank	01/14/25
BA50775-BS1	LCS	01/14/25
BA50775-BS2	LCS	01/14/25

Batch ID: BA50807 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/14/25
25A0605-02	SB17_6-8	01/14/25
25A0605-03	SB18_0-2	01/14/25
25A0605-04	SB18_6-8	01/14/25
BA50807-BLK1	Blank	01/14/25
BA50807-SRM1	Reference	01/14/25

Batch ID: BA50823 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-03	SB18_0-2	01/15/25
25A0605-04	SB18_6-8	01/15/25

Batch ID: BA50861 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/15/25
25A0605-02	SB17_6-8	01/15/25

25A0605-03	SB18_0-2	01/15/25
25A0605-04	SB18_6-8	01/15/25
BA50861-BLK1	Blank	01/15/25
BA50861-SRM1	Reference	01/15/25

Batch ID: BA50884 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/15/25
25A0605-02	SB17_6-8	01/15/25
25A0605-03	SB18_0-2	01/15/25
25A0605-04	SB18_6-8	01/15/25
BA50884-BLK1	Blank	01/15/25
BA50884-SRM1	Reference	01/15/25

Batch ID: BA50904 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/13/25
25A0605-02	SB17_6-8	01/13/25
25A0605-03	SB18_0-2	01/13/25
25A0605-04	SB18_6-8	01/13/25
BA50904-BLK1	Blank	01/13/25
BA50904-BS1	LCS	01/13/25
BA50904-BSD1	LCS Dup	01/13/25

Batch ID: BA50910 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-05	TB03_011025	01/13/25
BA50910-BLK1	Blank	01/13/25
BA50910-BS1	LCS	01/13/25
BA50910-BSD1	LCS Dup	01/13/25

Batch ID: BA50971 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0605-01	SB17_0-2	01/16/25
25A0605-02	SB17_6-8	01/16/25
25A0605-03	SB18_0-2	01/16/25
25A0605-04	SB18_6-8	01/16/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50904 - EPA 5035A											
Blank (BA50904-BLK1) Blank									Prepared & Analyzed: 01/13/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50904 - EPA 5035A											
Blank (BA50904-BLK1) Blank									Prepared & Analyzed: 01/13/2025		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				
LCS (BA50904-BS1) LCS									Prepared & Analyzed: 01/13/2025		
1,1,1,2-Tetrachloroethane	47.6		ug/L	50.0		95.2	75-129				
1,1,1-Trichloroethane	54.9		"	50.0		110	71-137				
1,1,2,2-Tetrachloroethane	48.7		"	50.0		97.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.4		"	50.0		119	58-146				
1,1,2-Trichloroethane	48.4		"	50.0		96.7	83-123				
1,1-Dichloroethane	56.3		"	50.0		113	75-130				
1,1-Dichloroethylene	60.1		"	50.0		120	64-137				
1,2,3-Trichlorobenzene	46.3		"	50.0		92.5	81-140				
1,2,3-Trichloropropane	46.8		"	50.0		93.6	81-126				
1,2,4-Trichlorobenzene	48.7		"	50.0		97.4	80-141				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.9	84-125				
1,2-Dibromo-3-chloropropane	48.9		"	50.0		97.7	74-142				
1,2-Dibromoethane	49.8		"	50.0		99.6	86-123				
1,2-Dichlorobenzene	45.7		"	50.0		91.4	85-122				
1,2-Dichloroethane	56.2		"	50.0		112	71-133				
1,2-Dichloropropane	48.7		"	50.0		97.4	81-122				
1,3,5-Trimethylbenzene	48.8		"	50.0		97.5	82-126				
1,3-Dichlorobenzene	45.4		"	50.0		90.7	84-124				
1,4-Dichlorobenzene	45.4		"	50.0		90.7	84-124				
1,4-Dioxane	1370		"	1050		130	10-228				
2-Butanone	52.7		"	50.0		105	58-147				
2-Hexanone	47.2		"	50.0		94.4	70-139				
4-Methyl-2-pentanone	36.8		"	50.0		73.6	72-132				
Acetone	35.1		"	50.0		70.1	36-155				
Acrolein	31.5		"	50.0		63.0	10-238				
Acrylonitrile	60.1		"	50.0		120	66-141				
Benzene	56.9		"	50.0		114	77-127				
Bromochloromethane	55.9		"	50.0		112	74-129				
Bromodichloromethane	50.0		"	50.0		99.9	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50904 - EPA 5035A											
LCS (BA50904-BS1) LCS							Prepared & Analyzed: 01/13/2025				
Bromoform	48.6		ug/L	50.0		97.3	80-136				
Bromomethane	50.9		"	50.0		102	32-177				
Carbon disulfide	61.1		"	50.0		122	10-136				
Carbon tetrachloride	57.1		"	50.0		114	66-143				
Chlorobenzene	48.4		"	50.0		96.8	86-120				
Chloroethane	56.1		"	50.0		112	51-142				
Chloroform	55.6		"	50.0		111	76-131				
Chloromethane	58.4		"	50.0		117	49-132				
cis-1,2-Dichloroethylene	56.7		"	50.0		113	74-132				
cis-1,3-Dichloropropylene	49.2		"	50.0		98.4	81-129				
Cyclohexane	60.4		"	50.0		121	70-130				
Dibromochloromethane	49.9		"	50.0		99.8	10-200				
Dibromomethane	47.0		"	50.0		94.0	83-124				
Dichlorodifluoromethane	38.4		"	50.0		76.7	28-158				
Ethyl Benzene	49.0		"	50.0		98.1	84-125				
Hexachlorobutadiene	47.3		"	50.0		94.6	83-133				
Isopropylbenzene	47.9		"	50.0		95.7	81-127				
Methyl acetate	53.4		"	50.0		107	41-143				
Methyl tert-butyl ether (MTBE)	55.8		"	50.0		112	74-131				
Methylcyclohexane	48.2		"	50.0		96.4	70-130				
Methylene chloride	56.6		"	50.0		113	57-141				
n-Butylbenzene	48.6		"	50.0		97.3	80-130				
n-Propylbenzene	47.8		"	50.0		95.5	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	95.5		"	100		95.5	82-128				
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125				
sec-Butylbenzene	47.8		"	50.0		95.5	83-125				
Styrene	49.7		"	50.0		99.4	86-126				
tert-Butyl alcohol (TBA)	281		"	250		112	70-130				
tert-Butylbenzene	41.0		"	50.0		82.0	80-127				
Tetrachloroethylene	39.0		"	50.0		78.0	80-129	Low Bias			
Toluene	48.0		"	50.0		95.9	85-121				
trans-1,2-Dichloroethylene	57.5		"	50.0		115	72-132				
trans-1,3-Dichloropropylene	50.4		"	50.0		101	78-132				
Trichloroethylene	47.3		"	50.0		94.6	84-123				
Trichlorofluoromethane	52.9		"	50.0		106	62-140				
Vinyl Chloride	58.4		"	50.0		117	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.0*		*"*	*50.0*		*90.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50904 - EPA 5035A											
LCS Dup (BA50904-BSD1) LCS Dup							Prepared & Analyzed: 01/13/2025				
1,1,1,2-Tetrachloroethane	52.2		ug/L	50.0		104	75-129		9.26	30	
1,1,1-Trichloroethane	54.1		"	50.0		108	71-137		1.51	30	
1,1,2,2-Tetrachloroethane	52.6		"	50.0		105	79-129		7.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.3		"	50.0		123	58-146		3.07	30	
1,1,2-Trichloroethane	52.6		"	50.0		105	83-123		8.51	30	
1,1-Dichloroethane	55.6		"	50.0		111	75-130		1.22	30	
1,1-Dichloroethylene	65.2		"	50.0		130	64-137		8.07	30	
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140		8.59	30	
1,2,3-Trichloropropane	50.4		"	50.0		101	81-126		7.53	30	
1,2,4-Trichlorobenzene	52.1		"	50.0		104	80-141		6.80	30	
1,2,4-Trimethylbenzene	51.9		"	50.0		104	84-125		6.92	30	
1,2-Dibromo-3-chloropropane	52.0		"	50.0		104	74-142		6.28	30	
1,2-Dibromoethane	51.6		"	50.0		103	86-123		3.61	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.7	85-122		6.62	30	
1,2-Dichloroethane	55.6		"	50.0		111	71-133		1.00	30	
1,2-Dichloropropane	53.9		"	50.0		108	81-122		10.2	30	
1,3,5-Trimethylbenzene	52.2		"	50.0		104	82-126		6.74	30	
1,3-Dichlorobenzene	48.9		"	50.0		97.8	84-124		7.49	30	
1,4-Dichlorobenzene	48.2		"	50.0		96.5	84-124		6.15	30	
1,4-Dioxane	1510		"	1050		144	10-228		9.89	30	
2-Butanone	50.8		"	50.0		102	58-147		3.77	30	
2-Hexanone	51.9		"	50.0		104	70-139		9.43	30	
4-Methyl-2-pentanone	41.0		"	50.0		81.9	72-132		10.6	30	
Acetone	38.8		"	50.0		77.5	36-155		10.0	30	
Acrolein	30.2		"	50.0		60.4	10-238		4.08	30	
Acrylonitrile	57.5		"	50.0		115	66-141		4.47	30	
Benzene	56.0		"	50.0		112	77-127		1.54	30	
Bromochloromethane	55.2		"	50.0		110	74-129		1.24	30	
Bromodichloromethane	54.7		"	50.0		109	81-124		9.08	30	
Bromoform	53.4		"	50.0		107	80-136		9.35	30	
Bromomethane	50.3		"	50.0		101	32-177		1.09	30	
Carbon disulfide	63.4		"	50.0		127	10-136		3.65	30	
Carbon tetrachloride	55.9		"	50.0		112	66-143		2.21	30	
Chlorobenzene	51.3		"	50.0		103	86-120		5.80	30	
Chloroethane	53.6		"	50.0		107	51-142		4.56	30	
Chloroform	54.9		"	50.0		110	76-131		1.23	30	
Chloromethane	52.3		"	50.0		105	49-132		11.0	30	
cis-1,2-Dichloroethylene	55.2		"	50.0		110	74-132		2.73	30	
cis-1,3-Dichloropropylene	54.2		"	50.0		108	81-129		9.62	30	
Cyclohexane	60.0		"	50.0		120	70-130		0.648	30	
Dibromochloromethane	53.9		"	50.0		108	10-200		7.80	30	
Dibromomethane	51.2		"	50.0		102	83-124		8.61	30	
Dichlorodifluoromethane	34.7		"	50.0		69.3	28-158		10.1	30	
Ethyl Benzene	53.8		"	50.0		108	84-125		9.35	30	
Hexachlorobutadiene	51.3		"	50.0		103	83-133		8.15	30	
Isopropylbenzene	51.8		"	50.0		104	81-127		7.89	30	
Methyl acetate	51.6		"	50.0		103	41-143		3.56	30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	74-131		1.53	30	
Methylcyclohexane	52.2		"	50.0		104	70-130		7.95	30	
Methylene chloride	55.3		"	50.0		111	57-141		2.34	30	
n-Butylbenzene	52.4		"	50.0		105	80-130		7.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50904 - EPA 5035A											
LCS Dup (BA50904-BSD1) LCS Dup								Prepared & Analyzed: 01/13/2025			
n-Propylbenzene	51.3		ug/L	50.0		103	74-136		7.18	30	
o-Xylene	52.2		"	50.0		104	83-123		8.76	30	
p- & m- Xylenes	104		"	100		104	82-128		8.70	30	
p-Isopropyltoluene	52.0		"	50.0		104	85-125		6.55	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		7.42	30	
Styrene	54.3		"	50.0		109	86-126		8.87	30	
tert-Butyl alcohol (TBA)	277		"	250		111	70-130		1.35	30	
tert-Butylbenzene	44.2		"	50.0		88.4	80-127		7.53	30	
Tetrachloroethylene	42.1		"	50.0		84.2	80-129		7.62	30	
Toluene	52.2		"	50.0		104	85-121		8.50	30	
trans-1,2-Dichloroethylene	56.2		"	50.0		112	72-132		2.25	30	
trans-1,3-Dichloropropylene	55.5		"	50.0		111	78-132		9.54	30	
Trichloroethylene	52.1		"	50.0		104	84-123		9.58	30	
Trichlorofluoromethane	50.5		"	50.0		101	62-140		4.60	30	
Vinyl Chloride	56.4		"	50.0		113	52-130		3.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Batch BA50910 - EPA 5030B											
Blank (BA50910-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
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	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50910 - EPA 5030B											
Blank (BA50910-BLK1) Blank								Prepared & Analyzed: 01/13/2025			
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
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	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
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	*8.68*		*"*	*10.0*		*86.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50910 - EPA 5030B											
LCS (BA50910-BS1) LCS							Prepared & Analyzed: 01/13/2025				
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	8.34		"	10.0		83.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	8.27		"	10.0		82.7	82-123				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	6.40		"	10.0		64.0	76-136	Low Bias			
1,2,3-Trichloropropane	8.30		"	10.0		83.0	77-128				
1,2,4-Trichlorobenzene	6.82		"	10.0		68.2	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.92		"	10.0		99.2	82-132				
1,2-Dibromo-3-chloropropane	6.92		"	10.0		69.2	45-147				
1,2-Dibromoethane	8.15		"	10.0		81.5	83-124	Low Bias			
1,2-Dichlorobenzene	8.85		"	10.0		88.5	79-123				
1,2-Dichloroethane	9.51		"	10.0		95.1	73-132				
1,2-Dichloropropane	9.13		"	10.0		91.3	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	9.03		"	10.0		90.3	86-122				
1,4-Dichlorobenzene	8.57		"	10.0		85.7	85-124				
1,4-Dioxane	147		"	210		70.1	10-349				
2-Butanone	9.77		"	10.0		97.7	49-152				
2-Hexanone	6.69		"	10.0		66.9	51-146				
4-Methyl-2-pentanone	5.99		"	10.0		59.9	57-145				
Acetone	8.93		"	10.0		89.3	14-150				
Acrolein	5.35		"	10.0		53.5	10-153				
Acrylonitrile	8.28		"	10.0		82.8	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromochloromethane	9.72		"	10.0		97.2	77-128				
Bromodichloromethane	8.86		"	10.0		88.6	79-128				
Bromoform	7.67		"	10.0		76.7	78-133	Low Bias			
Bromomethane	11.1		"	10.0		111	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	9.20		"	10.0		92.0	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	8.17		"	10.0		81.7	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	8.52		"	10.0		85.2	80-131				
Cyclohexane	5.16		"	10.0		51.6	63-149	Low Bias			
Dibromochloromethane	8.54		"	10.0		85.4	80-130				
Dibromomethane	8.15		"	10.0		81.5	72-134				
Dichlorodifluoromethane	6.11		"	10.0		61.1	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	6.90		"	10.0		69.0	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	7.19		"	10.0		71.9	51-139				
Methyl tert-butyl ether (MTBE)	8.92		"	10.0		89.2	76-135				
Methylcyclohexane	9.54		"	10.0		95.4	72-143				
Methylene chloride	9.40		"	10.0		94.0	55-137				
n-Butylbenzene	9.17		"	10.0		91.7	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

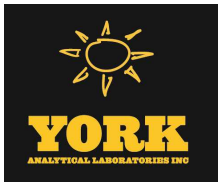
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50910 - EPA 5030B											
LCS (BA50910-BS1) LCS							Prepared & Analyzed: 01/13/2025				
n-Propylbenzene	10.0		ug/L	10.0		100	78-133				
o-Xylene	9.53		"	10.0		95.3	78-130				
p- & m- Xylenes	19.3		"	20.0		96.4	77-133				
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136				
sec-Butylbenzene	9.88		"	10.0		98.8	79-137				
Styrene	9.98		"	10.0		99.8	67-132				
tert-Butyl alcohol (TBA)	23.5		"	50.0		47.1	25-162				
tert-Butylbenzene	8.68		"	10.0		86.8	77-138				
Tetrachloroethylene	9.28		"	10.0		92.8	82-131				
Toluene	9.68		"	10.0		96.8	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	8.32		"	10.0		83.2	78-131				
Trichloroethylene	9.41		"	10.0		94.1	82-128				
Trichlorofluoromethane	10.4		"	10.0		104	67-139				
Vinyl Chloride	8.93		"	10.0		89.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.67*		*"*	*10.0*		*86.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*79-122*				
LCS Dup (BA50910-BSD1) LCS Dup							Prepared & Analyzed: 01/13/2025				
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	82-126		0.848	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		0.677	30	
1,1,2,2-Tetrachloroethane	8.51		"	10.0		85.1	76-129		2.02	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165		2.85	30	
1,1,2-Trichloroethane	8.54		"	10.0		85.4	82-123		3.21	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.971	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.53	30	
1,2,3-Trichlorobenzene	6.63		"	10.0		66.3	76-136	Low Bias	3.53	30	
1,2,3-Trichloropropane	8.44		"	10.0		84.4	77-128		1.67	30	
1,2,4-Trichlorobenzene	7.22		"	10.0		72.2	76-137	Low Bias	5.70	30	
1,2,4-Trimethylbenzene	9.67		"	10.0		96.7	82-132		2.55	30	
1,2-Dibromo-3-chloropropane	7.24		"	10.0		72.4	45-147		4.52	30	
1,2-Dibromoethane	8.31		"	10.0		83.1	83-124		1.94	30	
1,2-Dichlorobenzene	8.90		"	10.0		89.0	79-123		0.563	30	
1,2-Dichloroethane	9.75		"	10.0		97.5	73-132		2.49	30	
1,2-Dichloropropane	9.13		"	10.0		91.3	78-126		0.00	30	
1,3,5-Trimethylbenzene	9.71		"	10.0		97.1	80-131		3.54	30	
1,3-Dichlorobenzene	8.87		"	10.0		88.7	86-122		1.79	30	
1,4-Dichlorobenzene	8.58		"	10.0		85.8	85-124		0.117	30	
1,4-Dioxane	183		"	210		87.2	10-349		21.7	30	
2-Butanone	10.3		"	10.0		103	49-152		5.38	30	
2-Hexanone	6.84		"	10.0		68.4	51-146		2.22	30	
4-Methyl-2-pentanone	6.09		"	10.0		60.9	57-145		1.66	30	
Acetone	9.37		"	10.0		93.7	14-150		4.81	30	
Acrolein	5.69		"	10.0		56.9	10-153		6.16	30	
Acrylonitrile	8.70		"	10.0		87.0	51-150		4.95	30	
Benzene	10.9		"	10.0		109	85-126		0.828	30	
Bromochloromethane	9.79		"	10.0		97.9	77-128		0.718	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		0.339	30	
Bromoform	7.88		"	10.0		78.8	78-133		2.70	30	
Bromomethane	10.0		"	10.0		100	43-168		9.76	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50910 - EPA 5030B											
LCS Dup (BA50910-BSD1) LCS Dup							Prepared & Analyzed: 01/13/2025				
Carbon disulfide	10.6		ug/L	10.0		106	68-146		1.87	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		2.28	30	
Chlorobenzene	9.43		"	10.0		94.3	88-120		2.47	30	
Chloroethane	9.86		"	10.0		98.6	65-136		3.10	30	
Chloroform	10.6		"	10.0		106	82-128		1.82	30	
Chloromethane	7.69		"	10.0		76.9	43-155		6.05	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		4.40	30	
cis-1,3-Dichloropropylene	8.65		"	10.0		86.5	80-131		1.51	30	
Cyclohexane	4.97		"	10.0		49.7	63-149	Low Bias	3.75	30	
Dibromochloromethane	8.66		"	10.0		86.6	80-130		1.40	30	
Dibromomethane	8.20		"	10.0		82.0	72-134		0.612	30	
Dichlorodifluoromethane	5.67		"	10.0		56.7	44-144		7.47	30	
Ethyl Benzene	10.1		"	10.0		101	80-131		0.496	30	
Hexachlorobutadiene	7.55		"	10.0		75.5	67-146		9.00	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		1.77	30	
Methyl acetate	7.62		"	10.0		76.2	51-139		5.81	30	
Methyl tert-butyl ether (MTBE)	8.99		"	10.0		89.9	76-135		0.782	30	
Methylcyclohexane	9.23		"	10.0		92.3	72-143		3.30	30	
Methylene chloride	9.39		"	10.0		93.9	55-137		0.106	30	
n-Butylbenzene	9.14		"	10.0		91.4	79-132		0.328	30	
n-Propylbenzene	9.78		"	10.0		97.8	78-133		2.72	30	
o-Xylene	9.55		"	10.0		95.5	78-130		0.210	30	
p- & m- Xylenes	19.3		"	20.0		96.6	77-133		0.155	30	
p-Isopropyltoluene	9.73		"	10.0		97.3	81-136		2.64	30	
sec-Butylbenzene	9.59		"	10.0		95.9	79-137		2.98	30	
Styrene	9.91		"	10.0		99.1	67-132		0.704	30	
tert-Butyl alcohol (TBA)	26.0		"	50.0		51.9	25-162		9.78	30	
tert-Butylbenzene	8.43		"	10.0		84.3	77-138		2.92	30	
Tetrachloroethylene	9.29		"	10.0		92.9	82-131		0.108	30	
Toluene	9.68		"	10.0		96.8	80-127		0.00	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		2.46	30	
trans-1,3-Dichloropropylene	8.37		"	10.0		83.7	78-131		0.599	30	
Trichloroethylene	9.36		"	10.0		93.6	82-128		0.533	30	
Trichlorofluoromethane	9.97		"	10.0		99.7	67-139		4.41	30	
Vinyl Chloride	8.22		"	10.0		82.2	58-145		8.28	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.79*		*"*	*10.0*		*87.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Blank (BA50757-BLK1) Blank									Prepared & Analyzed: 01/14/2025		
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Blank (BA50757-BLK1) Blank									Prepared & Analyzed: 01/14/2025		
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	*1.24*		"	*1.66*		*74.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.589*		"	*0.831*		*70.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.534*		"	*0.831*		*64.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.66*		*92.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.563*		"	*0.831*		*67.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
LCS (BA50757-BS1) LCS							Prepared & Analyzed: 01/14/2025				
1,1-Biphenyl	0.373	0.0416	mg/kg wet	0.831		45.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.420	0.0830	"	0.831		50.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.373	0.0416	"	0.831		45.0	17-137				
2,3,4,6-Tetrachlorophenol	0.465	0.0830	"	0.831		56.0	30-130				
2,4,5-Trichlorophenol	0.449	0.0416	"	0.831		54.1	27-118				
2,4,6-Trichlorophenol	0.443	0.0416	"	0.831		53.4	31-120				
2,4-Dichlorophenol	0.472	0.0416	"	0.831		56.9	20-127				
2,4-Dimethylphenol	0.489	0.0416	"	0.831		58.9	14-132				
2,4-Dinitrophenol	0.108	0.0830	"	0.831		13.0	10-171				
2,4-Dinitrotoluene	0.340	0.0416	"	0.831		40.9	34-131				
2,6-Dinitrotoluene	0.358	0.0416	"	0.831		43.2	31-128				
2-Chloronaphthalene	0.371	0.0416	"	0.831		44.6	31-117				
2-Chlorophenol	0.419	0.0416	"	0.831		50.4	33-113				
2-Methylnaphthalene	0.379	0.0416	"	0.831		45.6	12-138				
2-Methylphenol	0.411	0.0416	"	0.831		49.4	10-136				
2-Nitroaniline	0.482	0.0830	"	0.831		58.1	27-132				
2-Nitrophenol	0.419	0.0416	"	0.831		50.4	17-129				
3- & 4-Methylphenols	0.362	0.0416	"	0.831		43.6	29-103				
3,3-Dichlorobenzidine	0.419	0.0416	"	0.831		50.5	22-149				
3-Nitroaniline	0.458	0.0830	"	0.831		55.2	20-133				
4,6-Dinitro-2-methylphenol	0.121	0.0830	"	0.831		14.6	10-143				
4-Bromophenyl phenyl ether	0.379	0.0416	"	0.831		45.6	29-120				
4-Chloro-3-methylphenol	0.454	0.0416	"	0.831		54.7	24-129				
4-Chloroaniline	0.222	0.0416	"	0.831		26.7	10-132				
4-Chlorophenyl phenyl ether	0.368	0.0416	"	0.831		44.4	27-124				
4-Nitroaniline	0.493	0.0830	"	0.831		59.4	16-128				
4-Nitrophenol	0.439	0.0830	"	0.831		52.9	10-141				
Acenaphthene	0.356	0.0416	"	0.831		42.8	30-121				
Acenaphthylene	0.387	0.0416	"	0.831		46.6	30-115				
Acetophenone	0.367	0.0416	"	0.831		44.2	20-112				
Aniline	0.308	0.166	"	0.831		37.1	10-119				
Anthracene	0.403	0.0416	"	0.831		48.5	34-118				
Atrazine	0.339	0.0416	"	0.831		40.8	26-112				
Benzaldehyde	0.404	0.0416	"	0.831		48.6	21-100				
Benzo(a)anthracene	0.402	0.0416	"	0.831		48.4	32-122				
Benzo(a)pyrene	0.373	0.0416	"	0.831		45.0	29-133				
Benzo(b)fluoranthene	0.398	0.0416	"	0.831		47.9	25-133				
Benzo(g,h,i)perylene	0.309	0.0416	"	0.831		37.2	10-143				
Benzo(k)fluoranthene	0.366	0.0416	"	0.831		44.0	25-128				
Benzoic acid	0.605	0.0416	"	0.831		72.8	10-140				
Benzyl alcohol	0.373	0.0416	"	0.831		44.9	30-115				
Benzyl butyl phthalate	0.378	0.0416	"	0.831		45.6	26-126				
Bis(2-chloroethoxy)methane	0.409	0.0416	"	0.831		49.2	19-132				
Bis(2-chloroethyl)ether	0.375	0.0416	"	0.831		45.1	19-125				
Bis(2-chloroisopropyl)ether	0.362	0.0416	"	0.831		43.6	20-135				
Bis(2-ethylhexyl)phthalate	0.386	0.0416	"	0.831		46.5	10-155				
Caprolactam	0.491	0.0830	"	0.831		59.1	10-127				
Carbazole	0.392	0.0416	"	0.831		47.2	35-123				
Chrysene	0.380	0.0416	"	0.831		45.7	32-123				
Dibenzo(a,h)anthracene	0.327	0.0416	"	0.831		39.4	10-136				
Dibenzofuran	0.377	0.0416	"	0.831		45.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

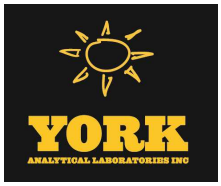
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
LCS (BA50757-BS1) LCS							Prepared & Analyzed: 01/14/2025				
Diethyl phthalate	0.365	0.0416	mg/kg wet	0.831		43.9	34-116				
Dimethyl phthalate	0.369	0.0416	"	0.831		44.4	35-124				
Di-n-butyl phthalate	0.386	0.0416	"	0.831		46.5	31-116				
Di-n-octyl phthalate	0.401	0.0416	"	0.831		48.3	26-136				
Diphenylamine	0.436	0.0830	"	0.831		52.5	40-140				
Fluoranthene	0.394	0.0416	"	0.831		47.4	33-122				
Fluorene	0.373	0.0416	"	0.831		45.0	29-123				
Hexachlorobenzene	0.390	0.0416	"	0.831		47.0	21-124				
Hexachlorobutadiene	0.402	0.0416	"	0.831		48.4	10-149				
Hexachlorocyclopentadiene	0.115	0.0416	"	0.831		13.9	10-129				
Hexachloroethane	0.302	0.0416	"	0.831		36.4	28-108				
Indeno(1,2,3-cd)pyrene	0.409	0.0416	"	0.831		49.2	10-135				
Isophorone	0.402	0.0416	"	0.831		48.4	20-132				
Naphthalene	0.408	0.0416	"	0.831		49.1	23-124				
Nitrobenzene	0.427	0.0416	"	0.831		51.4	13-132				
N-Nitrosodimethylamine	0.373	0.0416	"	0.831		45.0	11-129				
N-nitroso-di-n-propylamine	0.349	0.0416	"	0.831		42.0	24-119				
N-Nitrosodiphenylamine	0.433	0.0416	"	0.831		52.1	22-152				
Pentachlorophenol	0.381	0.0416	"	0.831		45.8	10-139				
Phenanthrene	0.392	0.0416	"	0.831		47.2	33-123				
Phenol	0.415	0.0416	"	0.831		50.0	23-115				
Pyrene	0.372	0.0416	"	0.831		44.8	24-130				
Pyridine	0.274	0.166	"	0.831		33.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.817*		"	*1.66*		*49.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.790*		"	*1.66*		*47.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.420*		"	*0.831*		*50.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.361*		"	*0.831*		*43.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.08*		"	*1.66*		*64.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.366*		"	*0.831*		*44.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

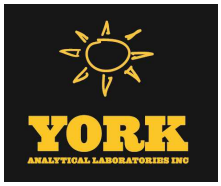
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50764 - EPA 3550C											
Blank (BA50764-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BA50764-BS1) LCS									Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*594*		*"*	*495*		*120*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/16/2025		
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	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
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	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*3.04*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*3.06*		"	*2.37*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		"	*2.50*		*111*	*25-150*				
Surrogate: M6PFDA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: M7PFUdA	*1.30*		"	*1.25*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.28*		"	*1.25*		*102*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		"	*1.25*		*86.2*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1) Blank								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.98*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.43*		*"*	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.38*		*"*	*4.99*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.50*		*94.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.52*		*"*	*4.99*		*90.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.63*		*"*	*4.99*		*92.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.86*		*"*	*4.75*		*81.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.73*		*"*	*4.79*		*77.8*	*25-200*				
Surrogate: M9PFNA	*1.50*		*"*	*1.25*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*4.21*		*"*	*4.68*		*89.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		*"*	*2.50*		*71.1*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.5*		*"*	*25.0*		*74.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		*"*	*25.0*		*68.6*	*25-150*				
LCS (BA50775-BS1) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	3.21	0.177	ug/kg wet	3.54		90.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.200	"	4.00		90.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.13	0.200	"	4.00		78.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.35	0.183	"	3.66		91.7	50-150				
Perfluorooctanoic acid (PFOA)	3.09	0.200	"	4.00		77.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.14	0.186	"	3.72		84.4	50-150				
Perfluorononanoic acid (PFNA)	2.84	0.200	"	4.00		70.9	50-150				
Perfluorodecanoic acid (PFDA)	3.69	0.200	"	4.00		92.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.19	0.200	"	4.00		79.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.44	0.200	"	4.00		86.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.95	0.200	"	4.00		98.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.48	0.200	"	4.00		87.1	50-150				
N-MeFOSAA	3.96	0.200	"	4.00		99.0	50-150				
N-EtFOSAA	4.04	0.200	"	4.00		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.11	0.400	"	8.00		88.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.66	0.200	"	4.00		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.24	0.200	"	3.82		84.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.193	"	3.86		71.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.6	0.760	"	15.2		82.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.768	"	15.4		91.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.7	0.800	"	16.0		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.86	0.356	"	7.12		82.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.86	0.400	"	8.00		85.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.25	0.400	"	8.00		90.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.48	0.400	"	8.00		81.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.188	"	3.76		93.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.1	0.750	"	15.0		94.0	50-150				
HFPO-DA (Gen-X)	7.65	0.800	"	8.00		95.6	50-150				
11CL-PF3OUdS	4.40	0.756	"	7.56		58.2	50-150				
9CL-PF3ONS	5.72	0.748	"	7.48		76.4	50-150				
ADONA	6.85	0.756	"	7.56		90.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS1) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.68	0.194	ug/kg wet	3.88		69.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.192	"	3.84		89.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.3	1.00	"	16.0		121	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.4	5.00	"	80.0		86.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	64.4	5.00	"	80.0		80.5	50-150				
N-MeFOSE	41.6	2.00	"	40.0		104	50-150				
N-MeFOSA	3.86	0.200	"	4.00		96.6	50-150				
N-EtFOSE	35.4	2.00	"	40.0		88.5	50-150				
N-EtFOSA	3.85	0.200	"	4.00		96.3	50-150				
Surrogate: M3PFBS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: M5PFHxA	*2.91*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.37*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.50*		*119*	*25-150*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.2*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.21*		"	*1.25*		*96.7*	*25-150*				
Surrogate: M2PFTeDA	*0.965*		"	*1.25*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*2.40*		*97.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.96*		"	*5.00*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.50*		*94.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.20*		"	*5.00*		*84.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.26*		"	*5.00*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.76*		*85.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.80*		"	*4.80*		*79.1*	*25-200*				
Surrogate: M9PFNA	*1.44*		"	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*4.08*		"	*4.69*		*87.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		"	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		"	*2.50*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		"	*10.0*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		"	*25.0*		*79.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.5*		"	*25.0*		*78.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2) LCS								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	0.308	0.176	ug/kg wet	0.353		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.307	0.199	"	0.398		77.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.277	0.199	"	0.398		69.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.289	0.182	"	0.365		79.2	50-150				
Perfluorooctanoic acid (PFOA)	0.290	0.199	"	0.398		72.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.418	0.185	"	0.371		113	50-150				
Perfluorononanoic acid (PFNA)	0.251	0.199	"	0.398		62.9	50-150				
Perfluorodecanoic acid (PFDA)	0.303	0.199	"	0.398		76.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.199	"	0.398		84.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.347	0.199	"	0.398		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.360	0.199	"	0.398		90.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.309	0.199	"	0.398		77.6	50-150				
N-MeFOSAA	0.346	0.199	"	0.398		86.8	50-150				
N-EtFOSAA	0.357	0.199	"	0.398		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.663	0.398	"	0.797		83.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.342	0.199	"	0.398		85.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.315	0.199	"	0.380		82.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.265	0.192	"	0.384		69.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.32	0.757	"	1.51		87.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.19	0.765	"	1.53		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.19	0.797	"	1.59		74.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.528	0.355	"	0.709		74.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.700	0.398	"	0.797		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.142	0.398	"	0.797		17.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.660	0.398	"	0.797		82.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.297	0.187	"	0.375		79.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.33	0.747	"	1.49		88.9	50-150				
HFPO-DA (Gen-X)	0.660	0.797	"	0.797		82.8	50-150				
11CL-PF3OUdS	0.371	0.753	"	0.753		49.2	50-150	Low Bias			
9CL-PF3ONS	0.478	0.745	"	0.745		64.2	50-150				
ADONA	0.606	0.753	"	0.753		80.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.170	0.193	"	0.386		44.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.473	0.191	"	0.382		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.40	0.996	"	1.59		87.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.28	4.98	"	7.97		78.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	4.53	4.98	"	7.97		56.9	50-150				
N-MeFOSE	3.89	1.99	"	3.98		97.7	50-150				
N-MeFOSA	0.406	0.199	"	0.398		102	50-150				
N-EtFOSE	3.71	1.99	"	3.98		93.2	50-150				
N-EtFOSA	0.273	0.199	"	0.398		68.4	50-150				
Surrogate: M3PFBS	*2.61*		"	*2.32*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.72*		"	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.36*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.35*		"	*2.49*		*94.3*	*25-150*				
Surrogate: M6PFDA	*0.909*		"	*1.25*		*73.0*	*25-150*				
Surrogate: M7PFUdA	*0.916*		"	*1.25*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.868*		"	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		"	*1.25*		*59.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2) LCS									Prepared: 01/14/2025 Analyzed: 01/16/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.548*		*ug/kg wet*	*9.96*		*5.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.55*		*"*	*2.39*		*64.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.98*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.71*		*"*	*2.49*		*68.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		*"*	*4.98*		*65.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.35*		*"*	*4.98*		*67.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.49*		*"*	*4.74*		*73.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.05*		*"*	*4.78*		*63.8*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.25*		*97.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.77*		*"*	*4.67*		*80.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.40*		*"*	*2.49*		*56.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*9.96*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		*"*	*24.9*		*57.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*24.9*		*60.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50758 - EPA 3550C											
Blank (BA50758-BLK1) Blank									Prepared & Analyzed: 01/14/2025		
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	*0.0650*		*"*	*0.0664*		*97.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0587*		*"*	*0.0664*		*88.3*	*30-150*				
LCS (BA50758-BS1) LCS									Prepared & Analyzed: 01/14/2025		
4,4'-DDD	0.0381	0.00164	mg/kg wet	0.0332		115	40-140				
4,4'-DDE	0.0365	0.00164	"	0.0332		110	40-140				
4,4'-DDT	0.0396	0.00164	"	0.0332		119	40-140				
Aldrin	0.0353	0.00164	"	0.0332		106	40-140				
alpha-BHC	0.0340	0.00164	"	0.0332		102	40-140				
alpha-Chlordane	0.0350	0.00164	"	0.0332		105	40-140				
beta-BHC	0.0341	0.00164	"	0.0332		103	40-140				
delta-BHC	0.0306	0.00164	"	0.0332		92.2	40-140				
Dieldrin	0.0372	0.00164	"	0.0332		112	40-140				
Endosulfan I	0.0378	0.00164	"	0.0332		114	40-140				
Endosulfan II	0.0398	0.00164	"	0.0332		120	40-140				
Endosulfan sulfate	0.0354	0.00164	"	0.0332		107	40-140				
Endrin	0.0394	0.00164	"	0.0332		119	40-140				
Endrin aldehyde	0.0376	0.00164	"	0.0332		113	40-140				
Endrin ketone	0.0408	0.00164	"	0.0332		123	40-140				
gamma-BHC (Lindane)	0.0329	0.00164	"	0.0332		99.0	40-140				
gamma-Chlordane	0.0344	0.00164	"	0.0332		104	40-140				
Heptachlor	0.0392	0.00164	"	0.0332		118	40-140				
Heptachlor epoxide	0.0355	0.00164	"	0.0332		107	40-140				
Methoxychlor	0.0437	0.00164	"	0.0332		131	40-140				
Surrogate: Decachlorobiphenyl	*0.0647*		*"*	*0.0664*		*97.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0664*		*90.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50758 - EPA 3550C											
Blank (BA50758-BLK2) Blank								Prepared & Analyzed: 01/14/2025			
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	*0.0542*		*"*	*0.0664*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0664*		*85.5*	*30-120*				
LCS (BA50758-BS2) LCS								Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.3	40-130				
Aroclor 1260	0.270	0.0166	"	0.332		81.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*81.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50765 - EPA 3550C/8151A											
Blank (BA50765-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/15/2025		
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)	*0.404*		*"*	*0.415*		*97.2*	*21-150*				
LCS (BA50765-BS1) LCS									Prepared: 01/14/2025 Analyzed: 01/15/2025		
2,4,5-T	0.0556	0.0199	mg/kg wet	0.0664		83.7	10-120				
2,4,5-TP (Silvex)	0.0507	0.0199	"	0.0664		76.2	10-120				
2,4-D	0.0498	0.0199	"	0.0664		75.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50807 - EPA 3050B											
Blank (BA50807-BLK1) Blank									Prepared: 01/14/2025 Analyzed: 01/15/2025		
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	9.78	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.00	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BA50807-SRM1) Reference									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Aluminum	6090	4.17	mg/kg wet	7680		79.3	35.7-119				
Antimony	70.6	2.08	"	244		28.9	0-125				
Arsenic	221	1.25	"	283		77.9	70-99.5				
Barium	297	2.08	"	326		91.0	73.9-107.1				
Beryllium	155	0.042	"	175		88.5	75.4-107.4				
Cadmium	78.0	0.250	"	95.8		81.4	72.3-103.7				
Calcium	4840	4.17	"	5470		88.5	79.5-113.2				
Chromium	199	0.417	"	239		83.2	72.4-106.3				
Cobalt	131	0.333	"	150		87.3	76-107.3				
Copper	197	1.67	"	217		90.8	74.6-105.1				
Iron	6250	20.8	"	7360		85.0	53-127.9				
Lead	174	0.417	"	210		82.9	75.7-109.5				
Magnesium	1770	4.17	"	2080		85.0	67.3-111.1				
Manganese	246	0.417	"	290		84.9	73.4-107.3				
Nickel	283	0.830	"	329		86.1	74.5-106.7				
Potassium	1910	4.17	"	2330		82.0	60.9-111.6				
Selenium	249	2.08	"	281		88.7	77.6-115.7				
Silver	70.9	0.420	"	82.7		85.7	73.8-111.7				
Sodium	366	41.7	"	427		85.6	71.2-118.7				
Thallium	107	1.00	"	123		87.0	70.2-104.9				
Vanadium	157	0.830	"	192		81.8	68.8-107.8				
Zinc	215	2.08	"	260		82.7	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50884 - EPA 7473 soil											
Blank (BA50884-BLK1) Blank									Prepared: 01/15/2025 Analyzed: 01/16/2025		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA50884-SRM1) Reference									Prepared: 01/15/2025 Analyzed: 01/16/2025		
Mercury	20.940		mg/kg	24.0		87.2	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50753 - Analysis Preparation Soil											
Blank (BA50753-BLK1) Blank									Prepared & Analyzed: 01/14/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA50753-SRM1) Reference									Prepared & Analyzed: 01/14/2025		
Cyanide, total	140		ug/mL	111		127	43.5-170				
Batch BA50861 - EPA SW846-3060											
Blank (BA50861-BLK1) Blank									Prepared & Analyzed: 01/15/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA50861-SRM1) Reference									Prepared & Analyzed: 01/15/2025		
Chromium, Hexavalent	174		mg/L	227		76.4	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0605-01	SB17_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0605-02	SB17_6-8	40mL Vial with Stir Bar-Cool 4° C
25A0605-03	SB18_0-2	40mL Vial with Stir Bar-Cool 4° C
25A0605-04	SB18_6-8	40mL Vial with Stir Bar-Cool 4° C
25A0605-05	TB03_011025	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.
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.

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

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 25A0605

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Report To:	Invoice To:
Company: Langan NYC	Company:
Address: 368 Ninth Ave, New York, NY 10001	Address:
Phone.: 212-479-5400	Phone.:
Contact: Nick Palumbo	Contact: SAME
E-mail: NPALUMBO@Langan.com	E-mail:

YOUR Project Name / Number: 198-200 Conover / 1705622203

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

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.

Samples Collected by: (print AND sign your name) Logan Clements

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

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)

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:	Part 375 TCL VOCs	TCL SVOCs	PCBs	Pesticides	Herbicides	TAL Metals Cinundium Hex+Tri Chromium	Total Cyanide	PFAS	1,4 Dioxane				Grab or Comp. G/C
SB17_0-2	1/10/25	9:15	S	X		X								X	X	X	X	X	X	X	X	X				G
SB17_6-8		9:20		X		X									X	X	X	X	X	X	X	X				G
SB18_0-2		11:45													X	X	X	X	X	X	X	X				G
SB18_6-8		12:30													X	X	X	X	X	X	X	X				G
TB03_011025		—	AQ											X												G

Comments: Please CC: DATAMANAGEMENT@Langan.com, LGROSE@Langan.com & NPALUMBO@Langan.com on all deliverables

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: L Clements / Langan	Date/Time: 1/10/25 @ 15:55	1. Samples Received by / Company: [illegible]	Date/Time: 1/10/25
2. Samples Received by / Company: [illegible] 1/10/25	Date/Time: 1/10/25 17:10 3.2	2. Samples Relinquished by / Company: [illegible]	Date/Time: 1/10/25 17:10 3.2
3. Samples Relinquished by / Company: [illegible] 1/10/25	Date/Time: 1/10/25 18:35	3. Samples Received by / Company: [illegible]	Date/Time: 1/10/25 18:35
4. Samples Relinquished by / Company: [illegible] 1/10/25	Date/Time: 20:30 me 1/10/25	4. Samples Received by / Company:	Date/Time:
		Samples Received in LAB by: [illegible]	Date/Time: 1/10/25 20:40 Temperature: 1.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 01/21/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0608

Report Date: 01/21/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A0608

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 10, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A0608-01	SV-011_011025	Soil Vapor	01/10/2025	01/10/2025
25A0608-02	SV-012_011025	Soil Vapor	01/10/2025	01/10/2025
25A0608-03	SV-013_011025	Soil Vapor	01/10/2025	01/10/2025
25A0608-04	SV-014_011025	Soil Vapor	01/10/2025	01/10/2025
25A0608-05	AA-001_011025	Outdoor Ambient Ai	01/10/2025	01/10/2025

General Notes for York Project (SDG) No.: 25A0608

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  **Date:** 01/21/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV-011_011025 **York Sample ID:** 25A0608-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:38 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**1.0**		ug/m³	0.73	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	TO-LCS-L	ug/m³	0.60	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.73	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.99	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.89	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-011_011025 **York Sample ID:** 25A0608-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:38 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.35	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 21:31	YR
78-93-3	**2-Butanone**	**5.1**		ug/m³	0.44	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 21:31	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
67-64-1	**Acetone**	**11**		ug/m³	2.8	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.2	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
71-43-2	Benzene	ND		ug/m³	0.47	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.77	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
74-83-9	Bromomethane	ND		ug/m³	0.58	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
75-15-0	**Carbon disulfide**	**0.83**		ug/m³	0.46	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.23	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
75-00-3	Chloroethane	ND		ug/m³	0.39	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
67-66-3	**Chloroform**	**26**		ug/m³	0.73	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
74-87-3	Chloromethane	ND		ug/m³	0.31	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
156-59-2	**cis-1,2-Dichloroethylene**	**0.29**		ug/m³	0.15	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR
110-82-7	Cyclohexane	ND		ug/m³	0.51	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 21:31	YR

Sample Information

Client Sample ID: SV-011_011025 **York Sample ID:** 25A0608-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:38 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.73	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.65	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	Isopropanol	ND		ug/m³	2.2	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND	TO-CCV, TO-LCS-L	ug/m³	3.1	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.6	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.61	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	0.52	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	0.65	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.3	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.73	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.26	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**79**		ug/m³	1.0	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.88	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:			
108-88-3	**Toluene**	**0.73**		ug/m³	0.56	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-011_011025 **York Sample ID:** 25A0608-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:38 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**5.2**		ug/m³	0.20	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.83	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	TO-LCS-L, ICVE	ug/m³	0.52	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 21:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-012_011025 **York Sample ID:** 25A0608-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:44 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.97	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.77	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.97	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.77	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.57	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.1	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.70	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.85	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	TO-LCS-L	ug/m³	0.57	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.66	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.99	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.70	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.94	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.85	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.66	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.85	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** 2,2,4-Trimethylpentane**	**1.1**		ug/m³	0.33	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			

Sample Information

Client Sample ID: SV-012_011025 **York Sample ID:** 25A0608-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:44 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**54**		ug/m³	0.42	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	*** 2-Hexanone**	**5.5**		ug/m³	1.2	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.58	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**32**		ug/m³	2.7	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	4.0	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.54**		ug/m³	0.45	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.74	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.95	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.5	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.55	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**9.2**		ug/m³	0.44	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.22	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.65	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.37	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.69	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	0.29	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**0.23**		ug/m³	0.14	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**1.6**		ug/m³	0.49	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-012_011025 **York Sample ID:** 25A0608-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:44 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.70	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.74**		ug/m³	0.62	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	Isopropanol	ND		ug/m³	2.1	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.58	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND	TO-CCV, TO-LCS-L	ug/m³	3.0	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.5	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**1.2**		ug/m³	0.58	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.50	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.92**		ug/m³	0.62	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**2.7**		ug/m³	1.2	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.70	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
115-07-1	* **Propylene**	**4.2**		ug/m³	0.24	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.60	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**3.6**		ug/m³	0.96	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.84	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:			
108-88-3	**Toluene**	**2.8**		ug/m³	0.54	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-012_011025 **York Sample ID:** 25A0608-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:44 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**3.7**		ug/m³	0.19	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.80	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	0.50	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.42	EPA TO-15	01/17/2025 12:00	01/17/2025 22:11	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-013_011025 **York Sample ID:** 25A0608-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:25 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.1	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.1**		ug/m³	0.73	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
107-06-2	1,2-Dichloroethane	ND	TO-LCS-L	ug/m³	0.60	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.73	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.99	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
106-46-7	1,4-Dichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.89	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.35	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR

Sample Information

Client Sample ID: SV-013_011025 **York Sample ID:** 25A0608-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:25 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.44	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**10**		ug/m³	2.8	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**64**		ug/m³	4.2	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	0.47	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.77	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	**Bromodichloromethane**	**1.0**		ug/m³	1.0	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.5	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.58	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.46	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.23	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.39	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**10**		ug/m³	0.73	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	0.31	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**0.24**		ug/m³	0.15	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.51	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-013_011025 **York Sample ID:** 25A0608-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:25 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.73	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.65	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
67-63-0	Isopropanol	ND		ug/m³	2.2	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
75-09-2	Methylene chloride	ND	TO-CCV, TO-LCS-L	ug/m³	3.1	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.6	1.486	EPA TO-15 Certifications: NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
142-82-5	n-Heptane	ND		ug/m³	0.61	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
110-54-3	n-Hexane	ND		ug/m³	0.52	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
95-47-6	**o-Xylene**	**0.71**		ug/m³	0.65	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.3	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.73	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
115-07-1	* Propylene	ND		ug/m³	0.26	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
100-42-5	Styrene	ND		ug/m³	0.63	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
127-18-4	**Tetrachloroethylene**	**3.3**		ug/m³	1.0	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.88	1.486	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 22:51	YR
108-88-3	Toluene	ND		ug/m³	0.56	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.486	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 22:51	YR

Sample Information

Client Sample ID: SV-013_011025 **York Sample ID:** 25A0608-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:25 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**4.1**		ug/m³	0.20	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.83	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	0.52	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.486	EPA TO-15	01/17/2025 12:00	01/17/2025 22:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-014_011025 **York Sample ID:** 25A0608-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:20 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.98	1.433	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 23:30	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.78	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.98	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.78	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.58	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.1	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.85**		ug/m³	0.70	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.86	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
107-06-2	1,2-Dichloroethane	ND	TO-LCS-L	ug/m³	0.58	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.66	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.70	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.95	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.86	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.66	1.433	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 23:30	YR
106-46-7	1,4-Dichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.86	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.433	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/17/2025 12:00	01/17/2025 23:30	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.33	1.433	EPA TO-15 Certifications:	01/17/2025 12:00	01/17/2025 23:30	YR

Sample Information

Client Sample ID: SV-014_011025 **York Sample ID:** 25A0608-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:20 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**0.97**		ug/m³	0.42	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.59	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**9.1**		ug/m³	2.7	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	4.0	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.46**		ug/m³	0.46	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.74	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.96	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.5	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.56	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.45	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.54**		ug/m³	0.23	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.66	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.38	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**4.9**		ug/m³	0.70	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.33**		ug/m³	0.30	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**0.17**		ug/m³	0.14	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.65	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.49	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-014_011025 **York Sample ID:** 25A0608-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:20 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.71	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.62	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**3.2**		ug/m³	2.1	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.59	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.52	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND	TO-CCV, TO-LCS-L	ug/m³	3.0	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.5	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.59	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.51	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.62	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.2	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.70	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.25	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.61	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**2.4**		ug/m³	0.97	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.85	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:			
108-88-3	**Toluene**	**0.65**		ug/m³	0.54	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.57	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.65	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-014_011025 **York Sample ID:** 25A0608-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Soil Vapor	January 10, 2025 3:20 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**2.9**		ug/m³	0.19	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.81	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	0.50	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.63	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.433	EPA TO-15	01/17/2025 12:00	01/17/2025 23:30	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AA-001_011025 **York Sample ID:** 25A0608-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Outdoor Ambient Air	January 10, 2025 3:18 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.53	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.42	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.53	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.59	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.42	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.31	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.077	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.58	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.38	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.60	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.47	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	TO-LCS-L	ug/m³	0.31	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.36	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.54	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.38	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.52	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.47	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.36	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.47	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.56	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** 2,2,4-Trimethylpentane**	**0.33**		ug/m³	0.18	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			

Sample Information

Client Sample ID: AA-001_011025 **York Sample ID:** 25A0608-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Outdoor Ambient Air	January 10, 2025 3:18 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**0.43**		ug/m³	0.23	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.64	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.32	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**5.3**		ug/m³	1.5	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	2.2	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.40**		ug/m³	0.25	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.40	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.80	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.30	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.39**		ug/m³	0.12	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.36	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.20	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.38	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.16	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.077	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.35	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**0.45**		ug/m³	0.27	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.66	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AA-001_011025 **York Sample ID:** 25A0608-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Outdoor Ambient Air	January 10, 2025 3:18 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.38	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	0.56	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.34	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.83	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**1.2**		ug/m³	1.1	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.32	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.28	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND	TO-CCV, TO-LCS-L	ug/m³	1.6	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.81	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.32	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.85**		ug/m³	0.27	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.34	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.67	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.38	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.13	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.33	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.53	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.46	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:			
108-88-3	**Toluene**	**0.70**		ug/m³	0.29	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.31	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.35	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AA-001_011025 **York Sample ID:** 25A0608-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0608	170562203	Outdoor Ambient Air	January 10, 2025 3:18 pm	01/10/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.44	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	0.27	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.34	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.099	0.776	EPA TO-15	01/17/2025 12:00	01/17/2025 19:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Analytical Batch Summary

Batch ID: BA51163 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25A0608-01	SV-011_011025	01/17/25
25A0608-02	SV-012_011025	01/17/25
25A0608-03	SV-013_011025	01/17/25
25A0608-04	SV-014_011025	01/17/25
25A0608-05	AA-001_011025	01/17/25
BA51163-BLK1	Blank	01/17/25
BA51163-BS1	LCS	01/17/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51163 - EPA TO15 PREP											
Blank (BA51163-BLK1) Blank									Prepared & Analyzed: 01/17/2025		
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	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
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	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
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	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51163 - EPA TO15 PREP											
Blank (BA51163-BLK1) Blank								Prepared & Analyzed: 01/17/2025			
Naphthalene	ND	1.0	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
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	"								
LCS (BA51163-BS1) LCS								Prepared & Analyzed: 01/17/2025			
1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0		105	70-130				
1,1,1-Trichloroethane	10.3		"	10.0		103	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	11.0		"	10.0		110	70-130				
1,1-Dichloroethane	9.89		"	10.0		98.9	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	12.5		"	10.0		125	70-130				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,2-Dichloroethane	0.00		"	10.0			70-130	Low Bias			
1,2-Dichloropropane	10.4		"	10.0		104	70-130				
1,2-Dichlorotetrafluoroethane	11.3		"	10.0		113	70-130				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,3-Butadiene	11.1		"	10.0		111	70-130				
1,3-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,3-Dichloropropane	10.5		"	10.0		105	70-130				
1,4-Dichlorobenzene	0.00		"	10.0			70-130	Low Bias			
1,4-Dioxane	10.1		"	10.0		101	70-130				
2,2,4-Trimethylpentane	11.1		"	10.0		111	70-130				
2-Butanone	10.0		"	10.0		100	70-130				
2-Hexanone	11.4		"	10.0		114	70-130				
3-Chloropropene	10.3		"	10.0		103	70-130				
4-Methyl-2-pentanone	10.5		"	10.0		105	70-130				
Acetone	9.61		"	10.0		96.1	70-130				
Acrylonitrile	9.99		"	10.0		99.9	70-130				
Benzene	10.4		"	10.0		104	70-130				
Benzyl chloride	0.00		"	10.0			70-130	Low Bias			
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	11.1		"	10.0		111	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51163 - EPA TO15 PREP											
LCS (BA51163-BS1) LCS							Prepared & Analyzed: 01/17/2025				
Bromomethane	10.6		ppbv	10.0		106	70-130				
Carbon disulfide	10.1		"	10.0		101	70-130				
Carbon tetrachloride	10.4		"	10.0		104	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	10.8		"	10.0		108	70-130				
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	70-130				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	70-130				
Cyclohexane	10.3		"	10.0		103	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	10.6		"	10.0		106	70-130				
Ethyl acetate	12.5		"	10.0		125	70-130				
Ethyl Benzene	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	12.7		"	10.0		127	70-130				
Isopropanol	9.07		"	10.0		90.7	70-130				
Methyl Methacrylate	10.3		"	10.0		103	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	0.00		"	10.0			70-130	Low Bias			
Naphthalene	13.6		"	10.0		136	70-130	High Bias			
n-Heptane	10.8		"	10.0		108	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	10.8		"	10.0		108	70-130				
p- & m- Xylenes	22.6		"	20.0		113	70-130				
p-Ethyltoluene	11.0		"	10.0		110	70-130				
Propylene	10.7		"	10.0		107	70-130				
Styrene	11.2		"	10.0		112	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Trichloroethylene	10.1		"	10.0		101	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	5.82		"	10.0		58.2	70-130	Low Bias			
Vinyl bromide	11.0		"	10.0		110	70-130				
Vinyl Chloride	11.1		"	10.0		111	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 25A0608

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.

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan NYC	Company: SAME	Company: SAME	170562203	RUSH - Next Day
Address: 368 Ninth Ave, New York, NY 10001	Address:	Address:	YOUR Project Name: 198 - 200 Conover	RUSH - Two Day
Phone: 212-479-5400	Phone.:	Phone.:		RUSH - Three Day
Contact: Nick Palumbo	Contact:	Contact:		RUSH - Four Day
E-mail: NPALUMBO@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.

Samples Collected by: (print your name above and sign below) Logan Clements

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 | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

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
SV-011_011025	1/10/25 @ 15:38	AS	-30	-5	37386	21038	VOCs by USEPA TO-15
SV-012_011025	1/10/25 @ 15:44	AS	-30	-5	18302	20455	↓
SV-013_011025	1/10/25 @ 15:25	AS	-30	-5	48317	21040	
SV-014_011025	1/10/25 @ 15:20	AS	-30	-5	28801	20176	
AA-001_011025	1/10/25 @ 15:18	AO	-30	-5	40121	19399	

Comments: Please cc: DATAMANAGEMENT@Langan.com, LGROSE@Langan.com, & NPALUMBO@Langan.com on all deliverables

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
L. Clements/Langan	1.10.25/15:55		1/10/25 15:55		1/10/25 17:00
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
					1/10/25 17:00

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 01/24/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A1092

Report Date: 01/24/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A1092

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 17, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A1092-01	MW-016_011725	Ground Water	01/17/2025	01/17/2025
25A1092-02	MW-017_011725	Ground Water	01/17/2025	01/17/2025
25A1092-03	MW-018_011725	Ground Water	01/17/2025	01/17/2025
25A1092-04	MW-019_011725	Ground Water	01/17/2025	01/17/2025
25A1092-05	GWDUP01_011725	Ground Water	01/17/2025	01/17/2025
25A1092-06	TB01_011725	Water	01/17/2025	01/17/2025

General Notes for York Project (SDG) No.: 25A1092

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  **Date:** 01/24/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02, CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

VOA, 8260 LOW MASTER **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	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.48**		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**3.13**		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:34	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.1 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	ICVE	ug/L	1.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 13:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.0 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.3 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.0 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.9 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.0 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*		*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

SVOA, 8270 SIM MASTER

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 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

SVOA, 8270 SIM MASTER

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 16:50	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	01/20/2025 08:29	01/21/2025 14:53	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**8.56**		ng/L	0.456	1.72	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**6.11**		ng/L	0.339	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.17**		ng/L	0.689	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.660	1.77	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**13.1**		ng/L	0.407	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.3**		ng/L	0.795	1.80	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.03**		ng/L	0.504	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.17**	J	ng/L	0.727	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.854	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.718	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.669	1.94	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:32	AM
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

PFAS, EPA 1633 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
2355-31-9	N-MeFOSAA	ND		ng/L	0.766	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.999	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**9.70**		ng/L	0.223	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.854	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.883	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.27	7.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**5.89**	J	ng/L	0.320	7.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.485	3.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:32	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.08	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:32	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:32	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.359	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:32	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.737	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.13	7.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.679	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
919005-14-4	ADONA	ND		ng/L	0.514	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.902	1.88	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.834	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.97	4.85	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

PFAS, EPA 1633 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
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.11	24.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.19	24.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.87	19.4	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.94	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.87	19.4	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.94	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*61.2 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*113 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*131 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*157 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*78.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.4 %*		*25-150*

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes: EXT-EM

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	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:14	scb
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*41.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:29	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/20/2025 08:16	01/21/2025 13:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.0 %*			*30-150*					

Metals, Target Analyte, ICP

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**	**2.20**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0348**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**45.3**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0106**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.00522**		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**4.59**		mg/L	0.278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0187**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**12.4**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.163**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0679**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3.63**	M-BS, B	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**15.8**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0858**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**49.7**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00611**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**11.5**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0380**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0186**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.28**	M-CCV 1, M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**17.1**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0328**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	**Antimony**	**2.23**		ug/L	1.11	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

Metals, Target Analyte, ICPMS

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
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**7.64**		ug/L	1.11	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/21/2025 08:20	01/21/2025 16:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	**Antimony**	**2.30**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**6.21**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/22/2025 07:54	01/22/2025 07:54	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	01/22/2025 07:59	01/22/2025 07:59	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Information

Client Sample ID: MW-016_011725 **York Sample ID:** 25A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:15 pm	01/17/2025

Chromium, Hexavalent

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		mg/L	0.0100	1	EPA 7196A	01/17/2025 22:14	01/17/2025 22:54	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/23/2025 14:42	01/23/2025 14:49	SL
							Certifications:			

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-201(	01/21/2025 14:27	01/21/2025 17:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.62**		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.390**		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 16:58	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.0 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	ICVE	ug/L	1.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.1 %*	S-08, S-09	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*9.06 %*	S-08, S-09	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*20.2 %*	S-08, S-09	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*17.0 %*	S-08, S-09	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*21.7 %*	S-08, S-09	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*20.6 %*	S-08, S-09	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

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 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:17	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	01/20/2025 08:29	01/21/2025 15:09	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**6.90**		ng/L	0.492	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**15.8**		ng/L	0.367	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.50**		ng/L	0.744	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.712	1.92	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**19.8**		ng/L	0.440	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.3**		ng/L	0.859	1.95	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**4.81**		ng/L	0.545	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.786	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.18	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.922	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.775	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.723	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.828	2.10	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 18:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

PFAS, EPA 1633 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
2991-50-6	N-EtFOSAA	ND		ng/L	1.08	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**19.2**		ng/L	0.241	4.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.922	2.10	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.953	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.38	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.86	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.15	8.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**5.52**	J	ng/L	0.346	8.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.524	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:48	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.24	4.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.262	4.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.388	4.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 18:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.796	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.88	7.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.38	8.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.45	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.733	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
919005-14-4	ADONA	ND		ng/L	0.555	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.974	2.03	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.901	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 18:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.13	5.24	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.68	26.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

PFAS, EPA 1633 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
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.92	26.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.18	21.0	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.66	2.10	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.18	21.0	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.89	2.10	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 18:48	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*54.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.9 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*127 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*128 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*84.1 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.5 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*135 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.6 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.7 %*	*25-150*

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes: EXT-EM

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	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00229	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0114	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00457	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.114	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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
57-74-9	* Chlordane, total	ND		ug/L	0.229	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:30	scb
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*30.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*53.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:43	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*30.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/20/2025 08:16	01/21/2025 13:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*98.6 %*			*30-150*					

Metals, Target Analyte, ICP

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**	**37.6**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.128**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**8.39**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0653**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.0299**		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**0.0707**		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**51.8**		mg/L	0.278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0402**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**11.8**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**1.03**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.193**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**6.03**	M-BS, B	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**39.5**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**0.0852**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.163**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3.80**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1.03**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.00689**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.87**	M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**36.4**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.54**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

Metals, Target Analyte, ICPMS

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
7440-41-7	**Beryllium**	**0.569**		ug/L	0.333	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**7.32**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:22	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.59**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**10.3**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/22/2025 07:54	01/22/2025 07:54	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	01/22/2025 07:59	01/22/2025 07:59	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-017_011725 **York Sample ID:** 25A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 10:45 am	01/17/2025

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	01/17/2025 22:14	01/17/2025 22:54	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/23/2025 14:42	01/23/2025 14:49	SL
							Certifications:			

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-201(	01/21/2025 14:27	01/21/2025 17:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.83**		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

VOA, 8260 LOW MASTER **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	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 17:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.8 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	ICVE	ug/L	1.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 14:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.0 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

SVOA, 8270 SIM MASTER **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 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

SVOA, 8270 SIM MASTER

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
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 14:48	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	01/22/2025 08:26	01/23/2025 11:35	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**3.29**		ng/L	0.428	1.61	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**11.7**		ng/L	0.319	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**5.03**		ng/L	0.647	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.619	1.67	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**23.7**		ng/L	0.383	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**10.6**		ng/L	0.747	1.69	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.41**		ng/L	0.474	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.683	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.03	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.802	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.674	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.629	1.82	1	EPA 1633 Draft 3	01/20/2025 16:13	01/22/2025 02:52	AM
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

PFAS, EPA 1633 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
2355-31-9	N-MeFOSAA	ND		ng/L	0.720	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.938	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**12.8**		ng/L	0.210	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.802	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.829	1.74	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.20	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.83	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.87	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**9.44**		ng/L	0.301	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.455	3.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/20/2025 16:13	01/22/2025 02:52	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.95	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/20/2025 16:13	01/22/2025 02:52	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.228	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/20/2025 16:13	01/22/2025 02:52	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.337	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/20/2025 16:13	01/22/2025 02:52	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.692	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.63	6.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.94	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.26	6.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.638	6.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
919005-14-4	ADONA	ND		ng/L	0.483	6.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.847	1.77	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.783	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/20/2025 16:13	01/22/2025 02:52	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.85	4.55	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

PFAS, EPA 1633 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
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.68	22.8	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.63	22.8	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.63	18.2	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.44	1.82	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.63	18.2	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.64	1.82	1	EPA 1633 Draft 3 Certifications:	01/20/2025 16:13	01/22/2025 02:52	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*132 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*127 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*22.5 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*115 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*81.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*76.0 %*		*25-150*

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

PEST, 8081 MASTER

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	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	01/19/2025 07:00	01/20/2025 12:45	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*	*30-150*

PCB, 8082 MASTER

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	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 05:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/20/2025 08:16	01/21/2025 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*85.2 %*			*30-150*					

Metals, Target Analyte, ICP

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**	**0.859**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9.08**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00589**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.931**		mg/L	0.278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1.41**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0330**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**5.42**	M-BS, B	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**11.7**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9.56**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00911**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1.30**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0238**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**6.22**	M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**12.1**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.22**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

Metals, Target Analyte, ICPMS

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
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**4.42**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:25	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**4.58**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 18:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/22/2025 07:54	01/22/2025 07:54	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	01/22/2025 07:59	01/22/2025 07:59	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-018_011725 **York Sample ID:** 25A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 11:00 am	01/17/2025

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	01/17/2025 22:14	01/17/2025 22:54	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/23/2025 14:42	01/23/2025 14:49	SL
							Certifications:			

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-201(	01/21/2025 14:27	01/21/2025 17:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

VOA, 8260 LOW MASTER **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	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.1 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E, CCVE, QL-02	ug/L	5.00	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

SVOA, 8270 LOW MASTER

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
111-44-4	Bis(2-chloroethyl)ether	ND	ICVE	ug/L	1.00	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/23/2025 08:04	01/23/2025 15:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

83-32-9	Acenaphthene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ug/L	0.500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	ug/L	0.500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ug/L	0.0200	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ug/L	0.500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	ug/L	0.500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ug/L	0.250	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ug/L	0.500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ug/L	0.250	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	01/23/2025 08:04	01/23/2025 15:51	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

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	01/20/2025 08:29	01/21/2025 15:26	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**5.06**		ng/L	0.436	1.64	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**34.7**		ng/L	0.325	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**13.5**		ng/L	0.658	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.631	1.70	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**33.3**		ng/L	0.389	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**47.0**		ng/L	0.760	1.72	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**4.21**		ng/L	0.482	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.695	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.816	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.686	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.640	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.733	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.955	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**45.6**		ng/L	0.213	3.71	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.816	1.85	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:20	AM
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

PFAS, EPA 1633 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
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.844	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.95	7.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.90	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**29.6**		ng/L	0.306	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.464	3.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:20	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	1.98	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:20	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:20	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.343	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:20	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.705	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.00	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.649	6.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
919005-14-4	ADONA	ND		ng/L	0.491	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.80	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.797	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.64	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.80	23.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.78	23.2	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.47	1.85	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

PFAS, EPA 1633 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
1691-99-2	* N-EtFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*131 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*37.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*99.6 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*115 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*89.5 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*158 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.5 %*		*25-150*

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

PEST, 8081 MASTER

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	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane [2C]	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:01	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.7 %*	*30-150*

PCB, 8082 MASTER

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	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:11	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/20/2025 08:16	01/21/2025 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*82.0 %*			*30-150*					

Metals, Target Analyte, ICP

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**	**0.108**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0604**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**59.0**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.348**		mg/L	0.278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0249**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**23.2**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0420**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0426**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**24.1**	M-BS, M-CCV 1, B	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**14.0**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0303**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0533**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**57.5**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00689**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**22.7**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0318**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0421**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**23.9**	M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**13.5**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0303**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	**Antimony**	**2.14**	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.28**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

Metals, Target Analyte, ICPMS

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
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.99**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:39	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	**Antimony**	**1.95**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.39**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.99**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/22/2025 07:54	01/22/2025 07:54	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	01/22/2025 07:59	01/22/2025 07:59	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-019_011725 **York Sample ID:** 25A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:30 pm	01/17/2025

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	01/17/2025 22:14	01/17/2025 22:54	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/23/2025 14:42	01/23/2025 14:49	SL
							Certifications:			

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-201(	01/21/2025 14:27	01/21/2025 17:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.58**		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.320**		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 19:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.1 %*	*79-122*

SVOA, 8270 LOW MASTER

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 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	ICVE	ug/L	1.00	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	01/21/2025 08:04	01/22/2025 15:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*12.9 %*	S-08, S-09	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*4.32 %*	S-08, S-09	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*13.2 %*	S-08, S-09	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*10.5 %*	S-08, S-09	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*14.4 %*	S-08, S-09	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*11.5 %*	S-08, S-09	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

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 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/21/2025 08:04	01/22/2025 15:49	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	01/20/2025 08:29	01/21/2025 15:42	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**6.78**		ng/L	0.520	1.96	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**14.0**		ng/L	0.387	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.07**		ng/L	0.786	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.753	2.03	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**18.6**		ng/L	0.465	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**20.4**		ng/L	0.908	2.06	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**4.96**		ng/L	0.576	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.830	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.25	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.974	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.819	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.764	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.874	2.21	1	EPA 1633 Draft 3	01/19/2025 13:20	01/21/2025 19:36	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

PFAS, EPA 1633 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
2991-50-6	N-EtFOSAA	ND		ng/L	1.14	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**17.8**		ng/L	0.255	4.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.974	2.21	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.01	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.46	2.14	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	8.30	8.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.27	8.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**5.92**	J	ng/L	0.365	8.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.553	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:36	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.37	4.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:36	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.277	4.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:36	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.410	4.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/19/2025 13:20	01/21/2025 19:36	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.841	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.98	8.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.58	8.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.53	8.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.775	8.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
919005-14-4	ADONA	ND		ng/L	0.587	8.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.03	2.15	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.952	2.13	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/19/2025 13:20	01/21/2025 19:36	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.25	5.53	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	8.11	27.7	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

PFAS, EPA 1633 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
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.5	27.7	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.42	22.1	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.75	2.21	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.42	22.1	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.99	2.21	1	EPA 1633 Draft 3 Certifications:	01/19/2025 13:20	01/21/2025 19:36	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*136 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*135 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*44.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*131 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*99.5 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*139 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.1 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.3 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.9 %*	*25-150*

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes: EXT-EM

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	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/19/2025 07:00	01/20/2025 13:16	scb
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.1 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:** EXT-EM

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	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/19/2025 07:00	01/21/2025 06:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	01/20/2025 08:16	01/21/2025 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/20/2025 08:16	01/21/2025 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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
	Surrogate Recoveries	**Result**			**Acceptance Range**					
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*84.8 %*			*30-150*					

Metals, Target Analyte, ICP

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**	**14.8**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.107**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**10.6**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0268**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.0184**		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**0.0363**		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15.6**		mg/L	0.278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0307**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**7.70**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.564**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0706**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3.53**	B, M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**38.6**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**0.0332**		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0882**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:05	01/22/2025 14:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

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	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2.49**	M-BS	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00600**		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**0.591**		mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.85**	M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**36.2**		mg/L	0.556	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0408**		mg/L	0.0278	1	EPA 6010D	01/22/2025 08:14	01/22/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.78**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.659**		ug/L	0.333	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

Metals, Target Analyte, ICPMS

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
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**5.11**		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 07:58	01/22/2025 16:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	**Antimony**	**1.71**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.83**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.71**		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/22/2025 08:22	01/22/2025 19:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	01/22/2025 07:54	01/22/2025 07:54	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	01/22/2025 07:59	01/22/2025 07:59	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Information

Client Sample ID: GWDUP01_011725 **York Sample ID:** 25A1092-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Ground Water	January 17, 2025 3:00 pm	01/17/2025

Chromium, Hexavalent

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		mg/L	0.0100	1	EPA 7196A	01/17/2025 22:14	01/17/2025 22:54	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	01/23/2025 14:42	01/23/2025 14:49	SL
							Certifications:			

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-201(	01/21/2025 14:27	01/21/2025 17:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: TB01_011725 **York Sample ID:** 25A1092-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB01_011725 **York Sample ID:** 25A1092-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB01_011725 **York Sample ID:** 25A1092-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER

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	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.710**		ug/L	0.608	1.00	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB01_011725 **York Sample ID:** 25A1092-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1092	170562203	Water	January 17, 2025 3:00 pm	01/17/2025

VOA, 8260 LOW MASTER **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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/22/2025 09:00	01/22/2025 13:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BA51064 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/17/25
25A1092-02	MW-017_011725	01/17/25
25A1092-03	MW-018_011725	01/17/25
25A1092-04	MW-019_011725	01/17/25
25A1092-05	GWDUP01_011725	01/17/25
BA51064-BLK1	Blank	01/17/25
BA51064-BS1	LCS	01/17/25
BA51064-DUP1	Duplicate	01/17/25
BA51064-MS1	Matrix Spike	01/17/25
BA51064-MSD1	Matrix Spike Dup	01/17/25

Batch ID: BA51082 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/19/25
25A1092-01	MW-016_011725	01/19/25
25A1092-02	MW-017_011725	01/19/25
25A1092-02	MW-017_011725	01/19/25
25A1092-03	MW-018_011725	01/19/25
25A1092-03	MW-018_011725	01/19/25
25A1092-04	MW-019_011725	01/19/25
25A1092-04	MW-019_011725	01/19/25
25A1092-05	GWDUP01_011725	01/19/25
25A1092-05	GWDUP01_011725	01/19/25
BA51082-BLK1	Blank	01/19/25
BA51082-BLK2	Blank	01/19/25
BA51082-BS1	LCS	01/19/25
BA51082-BS2	LCS	01/19/25
BA51082-MS1	Matrix Spike	01/19/25
BA51082-MS2	Matrix Spike	01/19/25
BA51082-MSD1	Matrix Spike Dup	01/19/25
BA51082-MSD2	Matrix Spike Dup	01/19/25

Batch ID: BA51097 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/19/25
25A1092-02	MW-017_011725	01/19/25
25A1092-02RE1	MW-017_011725	01/19/25
25A1092-04	MW-019_011725	01/19/25
25A1092-05	GWDUP01_011725	01/19/25
25A1092-05RE1	GWDUP01_011725	01/19/25
BA51097-BLK1	Blank	01/19/25
BA51097-BS1	LCS	01/19/25
BA51097-BS2	LCS	01/19/25

Batch ID: BA51113 **Preparation Method:** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/20/25
25A1092-02	MW-017_011725	01/20/25
25A1092-03	MW-018_011725	01/20/25
25A1092-04	MW-019_011725	01/20/25
25A1092-05	GWDUP01_011725	01/20/25
BA51113-BLK1	Blank	01/20/25
BA51113-BS1	LCS	01/20/25
BA51113-MS1	Matrix Spike	01/20/25
BA51113-MSD1	Matrix Spike Dup	01/20/25

Batch ID: BA51120 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/20/25
25A1092-02	MW-017_011725	01/20/25
25A1092-04	MW-019_011725	01/20/25
25A1092-05	GWDUP01_011725	01/20/25
BA51120-BLK1	Blank	01/20/25
BA51120-BS1	LCS	01/20/25

Batch ID: BA51159 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-03	MW-018_011725	01/20/25
BA51159-BLK1	Blank	01/20/25
BA51159-BS1	LCS	01/20/25
BA51159-BS2	LCS	01/20/25
BA51159-MS1	Matrix Spike	01/20/25
BA51159-MSD1	Matrix Spike Dup	01/20/25

Batch ID: BA51184 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/21/25
25A1092-02	MW-017_011725	01/21/25
25A1092-03	MW-018_011725	01/21/25
25A1092-04	MW-019_011725	01/21/25
25A1092-05	GWDUP01_011725	01/21/25
BA51184-BLK1	Blank	01/21/25
BA51184-BLK2	Blank	01/21/25
BA51184-BS1	LCS	01/21/25
BA51184-BS2	LCS	01/21/25
BA51184-MS1	Matrix Spike	01/21/25
BA51184-MSD1	Matrix Spike Dup	01/21/25

Batch ID: BA51190 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/21/25
BA51190-BLK1	Blank	01/21/25
BA51190-BS1	LCS	01/21/25
BA51190-DUP1	Duplicate	01/21/25
BA51190-MS1	Matrix Spike	01/21/25

Batch ID: BA51210 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/21/25
25A1092-02	MW-017_011725	01/21/25
25A1092-03	MW-018_011725	01/21/25
25A1092-04	MW-019_011725	01/21/25
25A1092-05	GWDUP01_011725	01/21/25
BA51210-BLK1	Blank	01/21/25
BA51210-BS1	LCS	01/21/25
BA51210-DUP1	Duplicate	01/21/25
BA51210-MS1	Matrix Spike	01/21/25
BA51210-MSD1	Matrix Spike Dup	01/21/25

Batch ID: BA51245 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51245-BLK1	Blank	01/22/25
BA51245-BS1	LCS	01/22/25
BA51245-DUP1	Duplicate	01/22/25
BA51245-MS1	Matrix Spike	01/22/25
BA51245-MSD1	Matrix Spike Dup	01/22/25

Batch ID: BA51247 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51247-BLK1	Blank	01/22/25
BA51247-BS1	LCS	01/22/25
BA51247-DUP1	Duplicate	01/22/25
BA51247-MS1	Matrix Spike	01/22/25

Batch ID: BA51248 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51248-BLK1	Blank	01/22/25
BA51248-BS1	LCS	01/22/25
BA51248-DUP1	Duplicate	01/22/25
BA51248-MS1	Matrix Spike	01/22/25
BA51248-MSD1	Matrix Spike Dup	01/22/25

Batch ID: BA51251 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51251-BLK1	Blank	01/22/25
BA51251-BS1	LCS	01/22/25
BA51251-DUP1	Duplicate	01/22/25
BA51251-MS1	Matrix Spike	01/22/25
BA51251-PS1	Post Spike	01/22/25

Batch ID: BA51253 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51253-BLK1	Blank	01/22/25
BA51253-BS1	LCS	01/22/25
BA51253-DUP1	Duplicate	01/22/25
BA51253-MS1	Matrix Spike	01/22/25
BA51253-PS1	Post Spike	01/22/25

Batch ID: BA51257 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25

25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
BA51257-BLK1	Blank	01/22/25
BA51257-BS1	LCS	01/22/25
BA51257-DUP1	Duplicate	01/22/25
BA51257-MS1	Matrix Spike	01/22/25

Batch ID: BA51258 **Preparation Method:** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-03	MW-018_011725	01/22/25
BA51258-BLK1	Blank	01/22/25
BA51258-BS1	LCS	01/22/25
BA51258-MS1	Matrix Spike	01/22/25
BA51258-MSD1	Matrix Spike Dup	01/22/25

Batch ID: BA51323 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-04RE1	MW-019_011725	01/23/25
BA51323-BLK1	Blank	01/23/25
BA51323-BLK2	Blank	01/23/25
BA51323-BS1	LCS	01/23/25
BA51323-BS2	LCS	01/23/25
BA51323-BSD1	LCS Dup	01/23/25

Batch ID: BA51373 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/23/25
25A1092-02	MW-017_011725	01/23/25
25A1092-03	MW-018_011725	01/23/25
25A1092-04	MW-019_011725	01/23/25
25A1092-05	GWDUP01_011725	01/23/25

Batch ID: BA51375 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25A1092-01	MW-016_011725	01/22/25
25A1092-02	MW-017_011725	01/22/25
25A1092-03	MW-018_011725	01/22/25
25A1092-04	MW-019_011725	01/22/25
25A1092-05	GWDUP01_011725	01/22/25
25A1092-06	TB01_011725	01/22/25
BA51375-BLK1	Blank	01/22/25
BA51375-BS1	LCS	01/22/25
BA51375-BSD1	LCS Dup	01/22/25
BA51375-MS1	Matrix Spike	01/22/25
BA51375-MSD1	Matrix Spike Dup	01/22/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
Blank (BA51375-BLK1) Blank									Prepared & Analyzed: 01/22/2025		
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	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
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	0.500	"								
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
Blank (BA51375-BLK1) Blank								Prepared & Analyzed: 01/22/2025			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-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	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.14*		*"*	*10.0*		*91.4*	*79-122*				
LCS (BA51375-BS1) LCS								Prepared & Analyzed: 01/22/2025			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	9.38		"	10.0		93.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	54-165				
1,1,2-Trichloroethane	9.21		"	10.0		92.1	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	12.3		"	10.0		123	68-138				
1,2,3-Trichlorobenzene	6.72		"	10.0		67.2	76-136	Low Bias			
1,2,3-Trichloropropane	9.32		"	10.0		93.2	77-128				
1,2,4-Trichlorobenzene	7.39		"	10.0		73.9	76-137	Low Bias			
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	8.68		"	10.0		86.8	45-147				
1,2-Dibromoethane	9.13		"	10.0		91.3	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	9.20		"	10.0		92.0	73-132				
1,2-Dichloropropane	11.2		"	10.0		112	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	160		"	210		76.4	10-349				
2-Butanone	8.65		"	10.0		86.5	49-152				
2-Hexanone	7.18		"	10.0		71.8	51-146				
4-Methyl-2-pentanone	7.08		"	10.0		70.8	57-145				
Acetone	8.94		"	10.0		89.4	14-150				
Acrolein	15.6		"	10.0		156	10-153	High Bias			
Acrylonitrile	8.17		"	10.0		81.7	51-150				
Benzene	11.3		"	10.0		113	85-126				
Bromochloromethane	9.34		"	10.0		93.4	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
LCS (BA51375-BS1) LCS							Prepared & Analyzed: 01/22/2025				
Bromoform	8.56		ug/L	10.0		85.6	78-133				
Bromomethane	11.6		"	10.0		116	43-168				
Carbon disulfide	12.6		"	10.0		126	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	10.9		"	10.0		109	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	12.1		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	5.65		"	10.0		56.5	63-149	Low Bias			
Dibromochloromethane	9.44		"	10.0		94.4	80-130				
Dibromomethane	8.97		"	10.0		89.7	72-134				
Dichlorodifluoromethane	12.9		"	10.0		129	44-144				
Ethyl Benzene	12.2		"	10.0		122	80-131				
Hexachlorobutadiene	9.63		"	10.0		96.3	67-146				
Isopropylbenzene	12.9		"	10.0		129	76-140				
Methyl acetate	5.57		"	10.0		55.7	51-139				
Methyl tert-butyl ether (MTBE)	8.16		"	10.0		81.6	76-135				
Methylcyclohexane	11.7		"	10.0		117	72-143				
Methylene chloride	10.0		"	10.0		100	55-137				
n-Butylbenzene	11.2		"	10.0		112	79-132				
n-Propylbenzene	12.6		"	10.0		126	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	23.8		"	20.0		119	77-133				
p-Isopropyltoluene	12.1		"	10.0		121	81-136				
sec-Butylbenzene	12.0		"	10.0		120	79-137				
Styrene	11.6		"	10.0		116	67-132				
tert-Butyl alcohol (TBA)	23.4		"	50.0		46.8	25-162				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	11.3		"	10.0		113	82-131				
Toluene	11.8		"	10.0		118	80-127				
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132				
trans-1,3-Dichloropropylene	9.60		"	10.0		96.0	78-131				
Trichloroethylene	11.8		"	10.0		118	82-128				
Trichlorofluoromethane	10.9		"	10.0		109	67-139				
Vinyl Chloride	11.1		"	10.0		111	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.16*		*"*	*10.0*		*81.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
LCS Dup (BA51375-BSD1) LCS Dup							Prepared & Analyzed: 01/22/2025				
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.285	30	
1,1,1-Trichloroethane	9.86		"	10.0		98.6	78-136		7.70	30	
1,1,2,2-Tetrachloroethane	9.75		"	10.0		97.5	76-129		3.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		8.38	30	
1,1,2-Trichloroethane	9.96		"	10.0		99.6	82-123		7.82	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		4.74	30	
1,1-Dichloroethylene	11.2		"	10.0		112	68-138		9.55	30	
1,2,3-Trichlorobenzene	8.16		"	10.0		81.6	76-136		19.4	30	
1,2,3-Trichloropropane	9.63		"	10.0		96.3	77-128		3.27	30	
1,2,4-Trichlorobenzene	8.36		"	10.0		83.6	76-137		12.3	30	
1,2,4-Trimethylbenzene	9.56		"	10.0		95.6	82-132		17.7	30	
1,2-Dibromo-3-chloropropane	8.90		"	10.0		89.0	45-147		2.50	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		9.59	30	
1,2-Dichlorobenzene	9.34		"	10.0		93.4	79-123		6.02	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		11.0	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		6.65	30	
1,3,5-Trimethylbenzene	9.77		"	10.0		97.7	80-131		21.7	30	
1,3-Dichlorobenzene	9.23		"	10.0		92.3	86-122		12.8	30	
1,4-Dichlorobenzene	9.05		"	10.0		90.5	85-124		11.3	30	
1,4-Dioxane	244		"	210		116	10-349		41.5	30	Non-dir.
2-Butanone	10.6		"	10.0		106	49-152		20.1	30	
2-Hexanone	10.1		"	10.0		101	51-146		34.0	30	Non-dir.
4-Methyl-2-pentanone	9.08		"	10.0		90.8	57-145		24.8	30	
Acetone	10.9		"	10.0		109	14-150		19.6	30	
Acrolein	19.1		"	10.0		191	10-153	High Bias	20.6	30	
Acrylonitrile	10.0		"	10.0		100	51-150		20.4	30	
Benzene	10.8		"	10.0		108	85-126		4.36	30	
Bromochloromethane	10.1		"	10.0		101	77-128		7.92	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		0.989	30	
Bromoform	10.0		"	10.0		100	78-133		15.7	30	
Bromomethane	10.2		"	10.0		102	43-168		12.6	30	
Carbon disulfide	11.3		"	10.0		113	68-146		10.7	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		6.85	30	
Chlorobenzene	10.2		"	10.0		102	88-120		6.43	30	
Chloroethane	9.75		"	10.0		97.5	65-136		10.7	30	
Chloroform	10.1		"	10.0		101	82-128		0.786	30	
Chloromethane	10.6		"	10.0		106	43-155		13.0	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		3.00	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		0.199	30	
Cyclohexane	5.26		"	10.0		52.6	63-149	Low Bias	7.15	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		7.35	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		8.54	30	
Dichlorodifluoromethane	11.7		"	10.0		117	44-144		9.93	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		11.1	30	
Hexachlorobutadiene	8.12		"	10.0		81.2	67-146		17.0	30	
Isopropylbenzene	9.83		"	10.0		98.3	76-140		26.9	30	
Methyl acetate	7.30		"	10.0		73.0	51-139		26.9	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		23.0	30	
Methylcyclohexane	10.2		"	10.0		102	72-143		13.4	30	
Methylene chloride	9.97		"	10.0		99.7	55-137		0.400	30	
n-Butylbenzene	9.38		"	10.0		93.8	79-132		17.7	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
LCS Dup (BA51375-BSD1) LCS Dup								Prepared & Analyzed: 01/22/2025			
n-Propylbenzene	9.81		ug/L	10.0		98.1	78-133		24.9	30	
o-Xylene	10.5		"	10.0		105	78-130		7.16	30	
p- & m- Xylenes	21.4		"	20.0		107	77-133		10.3	30	
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136		20.3	30	
sec-Butylbenzene	9.59		"	10.0		95.9	79-137		22.2	30	
Styrene	11.3		"	10.0		113	67-132		3.23	30	
tert-Butyl alcohol (TBA)	43.0		"	50.0		86.0	25-162		59.1	30	Non-dir.
tert-Butylbenzene	8.34		"	10.0		83.4	77-138		23.4	30	
Tetrachloroethylene	9.85		"	10.0		98.5	82-131		13.6	30	
Toluene	10.5		"	10.0		105	80-127		11.8	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		10.5	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		7.13	30	
Trichloroethylene	10.0		"	10.0		100	82-128		15.8	30	
Trichlorofluoromethane	9.89		"	10.0		98.9	67-139		9.81	30	
Vinyl Chloride	9.89		"	10.0		98.9	58-145		11.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				
Matrix Spike (BA51375-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025			
1,1,1,2-Tetrachloroethane	9.88		ug/L	10.0	0.00	98.8	45-161				
1,1,1-Trichloroethane	9.25		"	10.0	0.00	92.5	70-146				
1,1,2,2-Tetrachloroethane	9.01		"	10.0	0.00	90.1	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.76		"	10.0	0.00	87.6	21-217				
1,1,2-Trichloroethane	9.86		"	10.0	0.00	98.6	59-146				
1,1-Dichloroethane	9.39		"	10.0	0.00	93.9	54-146				
1,1-Dichloroethylene	10.3		"	10.0	0.00	103	44-165				
1,2,3-Trichlorobenzene	7.25		"	10.0	0.00	72.5	40-161				
1,2,3-Trichloropropane	8.81		"	10.0	0.00	88.1	74-127				
1,2,4-Trichlorobenzene	6.53		"	10.0	0.00	65.3	41-161				
1,2,4-Trimethylbenzene	7.40		"	10.0	0.00	74.0	72-129				
1,2-Dibromo-3-chloropropane	8.10		"	10.0	0.00	81.0	31-151				
1,2-Dibromoethane	9.94		"	10.0	0.00	99.4	75-125				
1,2-Dichlorobenzene	7.83		"	10.0	0.00	78.3	63-122				
1,2-Dichloroethane	10.1		"	10.0	0.00	101	68-131				
1,2-Dichloropropane	9.55		"	10.0	0.00	95.5	77-121				
1,3,5-Trimethylbenzene	7.52		"	10.0	0.00	75.2	69-126				
1,3-Dichlorobenzene	7.26		"	10.0	0.00	72.6	74-119	Low Bias			
1,4-Dichlorobenzene	7.18		"	10.0	0.00	71.8	70-124				
1,4-Dioxane	211		"	210	0.00	101	10-310				
2-Butanone	10.4		"	10.0	0.00	104	10-193				
2-Hexanone	10.1		"	10.0	0.00	101	53-133				
4-Methyl-2-pentanone	9.66		"	10.0	0.00	96.6	38-150				
Acetone	11.8		"	10.0	1.83	100	13-149				
Acrolein	18.5		"	10.0	0.00	185	10-195				
Acrylonitrile	10.2		"	10.0	0.00	102	37-165				
Benzene	9.91		"	10.0	0.00	99.1	38-155				
Bromochloromethane	9.85		"	10.0	0.00	98.5	75-121				
Bromodichloromethane	9.34		"	10.0	0.00	93.4	70-129				
Bromoform	9.80		"	10.0	0.00	98.0	66-136				
Bromomethane	8.21		"	10.0	0.00	82.1	30-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
Matrix Spike (BA51375-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Carbon disulfide	9.98		ug/L	10.0	0.00	99.8	10-138				
Carbon tetrachloride	9.57		"	10.0	0.00	95.7	71-146				
Chlorobenzene	9.10		"	10.0	0.00	91.0	81-117				
Chloroethane	8.73		"	10.0	0.00	87.3	51-145				
Chloroform	9.50		"	10.0	0.00	95.0	80-124				
Chloromethane	9.29		"	10.0	0.220	90.7	16-163				
cis-1,2-Dichloroethylene	9.71		"	10.0	0.00	97.1	76-125				
cis-1,3-Dichloropropylene	9.09		"	10.0	0.00	90.9	58-131				
Cyclohexane	4.57		"	10.0	0.00	45.7	70-130	Low Bias			
Dibromochloromethane	9.79		"	10.0	0.00	97.9	71-129				
Dibromomethane	9.60		"	10.0	0.00	96.0	76-120				
Dichlorodifluoromethane	9.69		"	10.0	0.00	96.9	30-147				
Ethyl Benzene	9.35		"	10.0	0.00	93.5	72-128				
Hexachlorobutadiene	5.72		"	10.0	0.00	57.2	34-166				
Isopropylbenzene	7.63		"	10.0	0.00	76.3	66-139				
Methyl acetate	7.49		"	10.0	0.00	74.9	10-200				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0	0.00	107	75-128				
Methylcyclohexane	7.80		"	10.0	0.00	78.0	70-130				
Methylene chloride	9.51		"	10.0	0.00	95.1	57-128				
n-Butylbenzene	6.58		"	10.0	0.00	65.8	61-138				
n-Propylbenzene	7.31		"	10.0	0.00	73.1	66-134				
o-Xylene	9.36		"	10.0	0.00	93.6	69-126				
p- & m- Xylenes	18.2		"	20.0	0.00	91.0	67-130				
p-Isopropyltoluene	7.37		"	10.0	0.00	73.7	64-137				
sec-Butylbenzene	7.29		"	10.0	0.00	72.9	53-155				
Styrene	10.1		"	10.0	0.00	101	69-125				
tert-Butyl alcohol (TBA)	48.2		"	50.0	0.00	96.4	10-130				
tert-Butylbenzene	6.72		"	10.0	0.00	67.2	65-139				
Tetrachloroethylene	7.78		"	10.0	0.00	77.8	64-139				
Toluene	9.14		"	10.0	0.00	91.4	76-123				
trans-1,2-Dichloroethylene	9.59		"	10.0	0.00	95.9	79-131				
trans-1,3-Dichloropropylene	9.62		"	10.0	0.00	96.2	55-130				
Trichloroethylene	8.64		"	10.0	0.00	86.4	53-145				
Trichlorofluoromethane	8.87		"	10.0	0.00	88.7	61-142				
Vinyl Chloride	8.81		"	10.0	0.00	88.1	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.60*		*"*	*10.0*		*86.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
Matrix Spike Dup (BA51375-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025		
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	0.00	108	45-161		8.62	30	
1,1,1-Trichloroethane	10.2		"	10.0	0.00	102	70-146		10.2	30	
1,1,2,2-Tetrachloroethane	9.43		"	10.0	0.00	94.3	74-121		4.56	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0	0.00	97.1	21-217		10.3	30	
1,1,2-Trichloroethane	10.7		"	10.0	0.00	107	59-146		8.45	30	
1,1-Dichloroethane	10.2		"	10.0	0.00	102	54-146		8.27	30	
1,1-Dichloroethylene	11.4		"	10.0	0.00	114	44-165		10.1	30	
1,2,3-Trichlorobenzene	7.18		"	10.0	0.00	71.8	40-161		0.970	30	
1,2,3-Trichloropropane	9.82		"	10.0	0.00	98.2	74-127		10.8	30	
1,2,4-Trichlorobenzene	6.59		"	10.0	0.00	65.9	41-161		0.915	30	
1,2,4-Trimethylbenzene	7.98		"	10.0	0.00	79.8	72-129		7.54	30	
1,2-Dibromo-3-chloropropane	8.49		"	10.0	0.00	84.9	31-151		4.70	30	
1,2-Dibromoethane	10.8		"	10.0	0.00	108	75-125		8.11	30	
1,2-Dichlorobenzene	8.28		"	10.0	0.00	82.8	63-122		5.59	30	
1,2-Dichloroethane	10.9		"	10.0	0.00	109	68-131		7.24	30	
1,2-Dichloropropane	10.1		"	10.0	0.00	101	77-121		5.40	30	
1,3,5-Trimethylbenzene	8.17		"	10.0	0.00	81.7	69-126		8.29	30	
1,3-Dichlorobenzene	7.78		"	10.0	0.00	77.8	74-119		6.91	30	
1,4-Dichlorobenzene	7.70		"	10.0	0.00	77.0	70-124		6.99	30	
1,4-Dioxane	312		"	210	0.00	148	10-310		38.4	30	Non-dir.
2-Butanone	11.7		"	10.0	0.00	117	10-193		11.7	30	
2-Hexanone	11.5		"	10.0	0.00	115	53-133		13.0	30	
4-Methyl-2-pentanone	10.6		"	10.0	0.00	106	38-150		9.47	30	
Acetone	13.2		"	10.0	1.83	113	13-149		10.6	30	
Acrolein	20.4		"	10.0	0.00	204	10-195	High Bias	9.85	30	
Acrylonitrile	11.1		"	10.0	0.00	111	37-165		8.46	30	
Benzene	10.8		"	10.0	0.00	108	38-155		9.06	30	
Bromochloromethane	10.5		"	10.0	0.00	105	75-121		6.77	30	
Bromodichloromethane	10.2		"	10.0	0.00	102	70-129		8.31	30	
Bromoform	11.0		"	10.0	0.00	110	66-136		11.4	30	
Bromomethane	9.53		"	10.0	0.00	95.3	30-158		14.9	30	
Carbon disulfide	10.8		"	10.0	0.00	108	10-138		8.35	30	
Carbon tetrachloride	10.4		"	10.0	0.00	104	71-146		8.50	30	
Chlorobenzene	9.95		"	10.0	0.00	99.5	81-117		8.92	30	
Chloroethane	9.63		"	10.0	0.00	96.3	51-145		9.80	30	
Chloroform	10.4		"	10.0	0.00	104	80-124		8.66	30	
Chloromethane	10.2		"	10.0	0.220	99.4	16-163		8.95	30	
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125		7.05	30	
cis-1,3-Dichloropropylene	9.90		"	10.0	0.00	99.0	58-131		8.53	30	
Cyclohexane	4.95		"	10.0	0.00	49.5	70-130	Low Bias	7.98	30	
Dibromochloromethane	10.8		"	10.0	0.00	108	71-129		10.1	30	
Dibromomethane	10.0		"	10.0	0.00	100	76-120		4.38	30	
Dichlorodifluoromethane	10.5		"	10.0	0.00	105	30-147		7.74	30	
Ethyl Benzene	10.2		"	10.0	0.00	102	72-128		8.89	30	
Hexachlorobutadiene	6.67		"	10.0	0.00	66.7	34-166		15.3	30	
Isopropylbenzene	8.09		"	10.0	0.00	80.9	66-139		5.85	30	
Methyl acetate	7.51		"	10.0	0.00	75.1	10-200		0.267	30	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0	0.00	112	75-128		4.46	30	
Methylcyclohexane	8.01		"	10.0	0.00	80.1	70-130		2.66	30	
Methylene chloride	10.2		"	10.0	0.00	102	57-128		6.90	30	
n-Butylbenzene	7.06		"	10.0	0.00	70.6	61-138		7.04	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51375 - EPA 5030B											
Matrix Spike Dup (BA51375-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025		
n-Propylbenzene	8.02		ug/L	10.0	0.00	80.2	66-134		9.26	30	
o-Xylene	10.2		"	10.0	0.00	102	69-126		8.20	30	
p- & m- Xylenes	20.0		"	20.0	0.00	100	67-130		9.47	30	
p-Isopropyltoluene	7.77		"	10.0	0.00	77.7	64-137		5.28	30	
sec-Butylbenzene	7.82		"	10.0	0.00	78.2	53-155		7.02	30	
Styrene	11.1		"	10.0	0.00	111	69-125		9.37	30	
tert-Butyl alcohol (TBA)	55.8		"	50.0	0.00	112	10-130		14.5	30	
tert-Butylbenzene	7.21		"	10.0	0.00	72.1	65-139		7.04	30	
Tetrachloroethylene	8.38		"	10.0	0.00	83.8	64-139		7.43	30	
Toluene	9.98		"	10.0	0.00	99.8	76-123		8.79	30	
trans-1,2-Dichloroethylene	10.5		"	10.0	0.00	105	79-131		8.68	30	
trans-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	55-130		9.50	30	
Trichloroethylene	9.34		"	10.0	0.00	93.4	53-145		7.79	30	
Trichlorofluoromethane	9.80		"	10.0	0.00	98.0	61-142		9.96	30	
Vinyl Chloride	9.92		"	10.0	0.00	99.2	31-165		11.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.60*		*"*	*10.0*		*86.0*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
Blank (BA51184-BLK1) Blank									Prepared: 01/21/2025 Analyzed: 01/22/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
Blank (BA51184-BLK1) Blank										Prepared: 01/21/2025 Analyzed: 01/22/2025	
Surrogate: SURR: 2-Fluorophenol	*19.1*		*ug/L*	*50.0*		*38.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.66*		*"*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.2*		*"*	*25.0*		*92.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.9*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.3*		*"*	*25.0*		*97.3*	*30.7-106*				
Blank (BA51184-BLK2) Blank										Prepared: 01/21/2025 Analyzed: 01/22/2025	
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	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
LCS (BA51184-BS1) LCS								Prepared: 01/21/2025 Analyzed: 01/22/2025			
1,1-Biphenyl	21.7	5.00	ug/L	25.0		86.7	33-95				
1,2,4,5-Tetrachlorobenzene	21.7	5.00	"	25.0		86.9	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	25.8	5.00	"	25.0		103	16-141				
2,3,4,6-Tetrachlorophenol	30.1	5.00	"	25.0		120	30-130				
2,4,5-Trichlorophenol	26.7	5.00	"	25.0		107	32-114				
2,4,6-Trichlorophenol	26.3	5.00	"	25.0		105	35-118				
2,4-Dichlorophenol	24.2	5.00	"	25.0		97.0	25-116				
2,4-Dimethylphenol	23.0	5.00	"	25.0		92.1	15-116				
2,4-Dinitrophenol	3.40	5.00	"	25.0		13.6	10-170				
2,4-Dinitrotoluene	23.6	5.00	"	25.0		94.4	41-128				
2,6-Dinitrotoluene	24.0	5.00	"	25.0		95.9	45-116				
2-Chloronaphthalene	21.5	5.00	"	25.0		86.0	33-112				
2-Chlorophenol	18.3	5.00	"	25.0		73.0	15-120				
2-Methylnaphthalene	19.5	5.00	"	25.0		77.9	24-118				
2-Methylphenol	17.0	5.00	"	25.0		67.9	10-110				
2-Nitroaniline	24.7	5.00	"	25.0		98.8	34-129				
2-Nitrophenol	24.7	5.00	"	25.0		98.7	28-118				
3- & 4-Methylphenols	12.6	5.00	"	25.0		50.5	10-107				
3,3-Dichlorobenzidine	25.3	5.00	"	25.0		101	15-187				
3-Nitroaniline	15.7	5.00	"	25.0		62.9	24-134				
4,6-Dinitro-2-methylphenol	8.85	5.00	"	25.0		35.4	10-153				
4-Bromophenyl phenyl ether	24.8	5.00	"	25.0		99.1	34-120				
4-Chloro-3-methylphenol	25.8	5.00	"	25.0		103	20-120				
4-Chloroaniline	11.8	5.00	"	25.0		47.3	10-147				
4-Chlorophenyl phenyl ether	23.3	5.00	"	25.0		93.2	27-121				
4-Nitroaniline	19.7	5.00	"	25.0		78.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	20.6	5.00	"	25.0		82.4	25-110				
Aniline	12.8	5.00	"	25.0		51.0	10-117				
Benzaldehyde	20.7	5.00	"	25.0		82.9	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	12.7	5.00	"	25.0		50.7	10-117				
Benzyl butyl phthalate	25.8	5.00	"	25.0		103	29-133				
Bis(2-chloroethoxy)methane	22.8	5.00	"	25.0		91.2	10-154				
Bis(2-chloroethyl)ether	26.3	5.00	"	25.0		105	17-125				
Bis(2-chloroisopropyl)ether	14.7	5.00	"	25.0		58.9	10-139				
Caprolactam	4.66	5.00	"	25.0		18.6	10-137				
Carbazole	22.8	5.00	"	25.0		91.2	42-126				
Dibenzofuran	22.0	5.00	"	25.0		87.8	36-113				
Diethyl phthalate	24.3	5.00	"	25.0		97.2	38-115				
Dimethyl phthalate	23.7	5.00	"	25.0		95.0	38-129				
Di-n-butyl phthalate	26.2	5.00	"	25.0		105	31-120				
Di-n-octyl phthalate	28.1	5.00	"	25.0		112	21-149				
Diphenylamine	26.4	5.00	"	25.0		106	40-140				
Hexachlorocyclopentadiene	7.01	10.0	"	25.0		28.0	10-130				
Isophorone	24.4	5.00	"	25.0		97.8	25-127				
N-nitroso-di-n-propylamine	20.2	5.00	"	25.0		81.0	26-122				
N-Nitrosodiphenylamine	25.7	5.00	"	25.0		103	23-149				
Phenol	7.33	5.00	"	25.0		29.3	10-110				
Pyridine	3.15	5.00	"	35.0		9.00	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*19.5*		*"*	*50.0*		*39.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
LCS (BA51184-BS1) LCS							Prepared: 01/21/2025 Analyzed: 01/22/2025				
Surrogate: SURR: Phenol-d6	*11.3*		*ug/L*	*50.0*		*22.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.0*		*"*	*25.0*		*92.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.5*		*"*	*25.0*		*81.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*52.5*		*"*	*50.0*		*105*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.5*		*"*	*25.0*		*85.8*	*30.7-106*				
LCS (BA51184-BS2) LCS							Prepared: 01/21/2025 Analyzed: 01/22/2025				
Acenaphthene	0.690	0.0500	ug/L	1.00		69.0	25-116				
Acenaphthylene	0.770	0.0500	"	1.00		77.0	26-116				
Anthracene	0.680	0.0500	"	1.00		68.0	25-123				
Benzo(a)anthracene	0.680	0.0500	"	1.00		68.0	33-125				
Benzo(a)pyrene	0.700	0.0500	"	1.00		70.0	32-132				
Benzo(b)fluoranthene	0.700	0.0500	"	1.00		70.0	22-137				
Benzo(g,h,i)perylene	0.970	0.0500	"	1.00		97.0	10-138				
Benzo(k)fluoranthene	0.880	0.0500	"	1.00		88.0	20-137				
Bis(2-ethylhexyl)phthalate	1.08	0.500	"	1.00		108	10-189				
Chrysene	0.670	0.0500	"	1.00		67.0	32-124				
Dibenzo(a,h)anthracene	0.800	0.0500	"	1.00		80.0	16-133				
Fluoranthene	0.750	0.0500	"	1.00		75.0	32-121				
Fluorene	0.700	0.0500	"	1.00		70.0	28-118				
Hexachlorobenzene	1.00	0.0200	"	1.00		100	23-124				
Hexachlorobutadiene	0.680	0.500	"	1.00		68.0	15-123				
Hexachloroethane	0.510	0.500	"	1.00		51.0	18-115				
Indeno(1,2,3-cd)pyrene	0.800	0.0500	"	1.00		80.0	15-135				
Naphthalene	0.660	0.0500	"	1.00		66.0	18-120				
Nitrobenzene	0.350	0.250	"	1.00		35.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.710	0.0500	"	1.00		71.0	24-127				
Pyrene	0.620	0.0500	"	1.00		62.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
Matrix Spike (BA51184-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared: 01/21/2025 Analyzed: 01/22/2025			
1,1-Biphenyl	17.0	5.00	ug/L	25.0	ND	68.1	26-79				
1,2,4,5-Tetrachlorobenzene	17.9	5.00	"	25.0	ND	71.7	33-90				
1,2-Diphenylhydrazine (as Azobenzene)	20.2	5.00	"	25.0	ND	80.6	21-107				
2,3,4,6-Tetrachlorophenol	22.6	5.00	"	25.0	ND	90.6	30-130				
2,4,5-Trichlorophenol	19.7	5.00	"	25.0	ND	78.7	43-96				
2,4,6-Trichlorophenol	20.3	5.00	"	25.0	ND	81.1	46-94				
2,4-Dichlorophenol	18.8	5.00	"	25.0	ND	75.4	26-101				
2,4-Dimethylphenol	18.5	5.00	"	25.0	ND	74.2	10-104				
2,4-Dinitrophenol	3.05	5.00	"	25.0	ND	12.2	10-146				
2,4-Dinitrotoluene	17.8	5.00	"	25.0	ND	71.4	30-108				
2,6-Dinitrotoluene	19.5	5.00	"	25.0	ND	77.9	38-98				
2-Chloronaphthalene	17.0	5.00	"	25.0	ND	67.9	30-89				
2-Chlorophenol	14.8	5.00	"	25.0	ND	59.1	24-98				
2-Methylnaphthalene	16.4	5.00	"	25.0	ND	65.7	10-112				
2-Methylphenol	12.9	5.00	"	25.0	ND	51.5	10-134				
2-Nitroaniline	19.6	5.00	"	25.0	ND	78.4	25-110				
2-Nitrophenol	20.0	5.00	"	25.0	ND	80.2	10-139				
3- & 4-Methylphenols	9.52	5.00	"	25.0	ND	38.1	10-91				
3,3-Dichlorobenzidine	18.8	5.00	"	25.0	ND	75.2	10-140				
3-Nitroaniline	12.5	5.00	"	25.0	ND	49.9	22-111				
4,6-Dinitro-2-methylphenol	6.98	5.00	"	25.0	ND	27.9	10-140				
4-Bromophenyl phenyl ether	19.1	5.00	"	25.0	ND	76.4	30-108				
4-Chloro-3-methylphenol	20.7	5.00	"	25.0	ND	82.9	11-109				
4-Chloroaniline	9.61	5.00	"	25.0	ND	38.4	10-116				
4-Chlorophenyl phenyl ether	17.9	5.00	"	25.0	ND	71.4	39-85				
4-Nitroaniline	15.9	5.00	"	25.0	ND	63.6	11-132				
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias			
Acetophenone	16.1	5.00	"	25.0	ND	64.4	14-102				
Aniline	9.61	5.00	"	25.0	ND	38.4	10-80				
Benzaldehyde	16.1	5.00	"	25.0	ND	64.3	13-87				
Benzoic acid	ND	5.00	"	25.0	ND		10-162	Low Bias			
Benzyl alcohol	9.95	5.00	"	25.0	ND	39.8	10-102				
Benzyl butyl phthalate	20.1	5.00	"	25.0	ND	80.4	10-133				
Bis(2-chloroethoxy)methane	18.0	5.00	"	25.0	ND	72.0	18-105				
Bis(2-chloroethyl)ether	19.8	5.00	"	25.0	ND	79.4	10-108				
Bis(2-chloroisopropyl)ether	12.6	5.00	"	25.0	ND	50.2	13-116				
Caprolactam	3.16	5.00	"	25.0	ND	12.6	10-75				
Carbazole	17.9	5.00	"	25.0	ND	71.7	36-108				
Dibenzofuran	17.2	5.00	"	25.0	ND	68.8	34-92				
Diethyl phthalate	19.2	5.00	"	25.0	ND	76.8	33-98				
Dimethyl phthalate	18.9	5.00	"	25.0	ND	75.6	18-116				
Di-n-butyl phthalate	20.5	5.00	"	25.0	ND	82.0	25-97				
Di-n-octyl phthalate	22.7	5.00	"	25.0	ND	90.9	10-137				
Diphenylamine	20.2	5.00	"	25.0	ND	80.6	40-140				
Hexachlorocyclopentadiene	5.57	10.0	"	25.0	ND	22.3	10-79				
Isophorone	19.2	5.00	"	25.0	ND	77.0	25-103				
N-nitroso-di-n-propylamine	15.7	5.00	"	25.0	ND	62.7	19-115				
N-Nitrosodiphenylamine	19.8	5.00	"	25.0	ND	79.2	31-112				
Phenol	5.36	5.00	"	25.0	ND	21.4	10-61				
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.2*		*"*	*50.0*		*30.3*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
Matrix Spike (BA51184-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/21/2025 Analyzed: 01/22/2025		
Surrogate: SURR: Phenol-d6	*8.93*		*ug/L*	*50.0*		*17.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.2*		*"*	*25.0*		*72.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.2*		*"*	*25.0*		*65.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.9*		*"*	*50.0*		*81.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.2*		*"*	*25.0*		*65.0*	*30.7-106*				
Matrix Spike Dup (BA51184-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/21/2025 Analyzed: 01/22/2025		
1,1-Biphenyl	17.7	5.00	ug/L	25.0	ND	70.8	26-79		3.80	25	
1,2,4,5-Tetrachlorobenzene	18.8	5.00	"	25.0	ND	75.2	33-90		4.74	25	
1,2-Diphenylhydrazine (as Azobenzene)	21.6	5.00	"	25.0	ND	86.2	21-107		6.76	25	
2,3,4,6-Tetrachlorophenol	26.4	5.00	"	25.0	ND	106	30-130		15.3	25	
2,4,5-Trichlorophenol	22.0	5.00	"	25.0	ND	87.9	43-96		11.1	25	
2,4,6-Trichlorophenol	21.8	5.00	"	25.0	ND	87.0	46-94		7.09	25	
2,4-Dichlorophenol	20.4	5.00	"	25.0	ND	81.6	26-101		7.90	25	
2,4-Dimethylphenol	19.6	5.00	"	25.0	ND	78.4	10-104		5.61	25	
2,4-Dinitrophenol	4.64	5.00	"	25.0	ND	18.6	10-146		41.4	25	Non-dir.
2,4-Dinitrotoluene	19.2	5.00	"	25.0	ND	76.9	30-108		7.50	25	
2,6-Dinitrotoluene	19.9	5.00	"	25.0	ND	79.4	38-98		1.98	25	
2-Chloronaphthalene	17.4	5.00	"	25.0	ND	69.8	30-89		2.73	25	
2-Chlorophenol	15.0	5.00	"	25.0	ND	59.8	24-98		1.21	25	
2-Methylnaphthalene	16.5	5.00	"	25.0	ND	66.0	10-112		0.547	25	
2-Methylphenol	13.4	5.00	"	25.0	ND	53.5	10-134		3.73	25	
2-Nitroaniline	20.1	5.00	"	25.0	ND	80.3	25-110		2.42	25	
2-Nitrophenol	21.1	5.00	"	25.0	ND	84.2	10-139		4.96	25	
3- & 4-Methylphenols	9.51	5.00	"	25.0	ND	38.0	10-91		0.105	25	
3,3-Dichlorobenzidine	20.3	5.00	"	25.0	ND	81.4	10-140		7.92	25	
3-Nitroaniline	13.9	5.00	"	25.0	ND	55.7	22-111		11.1	25	
4,6-Dinitro-2-methylphenol	8.88	5.00	"	25.0	ND	35.5	10-140		24.0	25	
4-Bromophenyl phenyl ether	20.6	5.00	"	25.0	ND	82.6	30-108		7.85	25	
4-Chloro-3-methylphenol	21.0	5.00	"	25.0	ND	84.1	11-109		1.49	25	
4-Chloroaniline	9.66	5.00	"	25.0	ND	38.6	10-116		0.519	25	
4-Chlorophenyl phenyl ether	19.6	5.00	"	25.0	ND	78.2	39-85		9.09	25	
4-Nitroaniline	17.0	5.00	"	25.0	ND	67.8	11-132		6.51	25	
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias		25	
Acetophenone	17.1	5.00	"	25.0	ND	68.5	14-102		6.20	25	
Aniline	10.1	5.00	"	25.0	ND	40.4	10-80		4.87	25	
Benzaldehyde	16.6	5.00	"	25.0	ND	66.3	13-87		3.12	25	
Benzoic acid	ND	5.00	"	25.0	ND		10-162	Low Bias		25	
Benzyl alcohol	10.1	5.00	"	25.0	ND	40.3	10-102		1.20	25	
Benzyl butyl phthalate	22.0	5.00	"	25.0	ND	88.1	10-133		9.21	25	
Bis(2-chloroethoxy)methane	18.8	5.00	"	25.0	ND	75.1	18-105		4.24	25	
Bis(2-chloroethyl)ether	20.8	5.00	"	25.0	ND	83.4	10-108		4.87	25	
Bis(2-chloroisopropyl)ether	12.9	5.00	"	25.0	ND	51.6	13-116		2.59	25	
Caprolactam	3.68	5.00	"	25.0	ND	14.7	10-75		15.2	25	
Carbazole	18.8	5.00	"	25.0	ND	75.2	36-108		4.79	25	
Dibenzofuran	18.1	5.00	"	25.0	ND	72.5	34-92		5.26	25	
Diethyl phthalate	20.0	5.00	"	25.0	ND	79.9	33-98		3.93	25	
Dimethyl phthalate	19.7	5.00	"	25.0	ND	78.7	18-116		3.99	25	
Di-n-butyl phthalate	22.1	5.00	"	25.0	ND	88.6	25-97		7.74	25	
Di-n-octyl phthalate	24.2	5.00	"	25.0	ND	97.0	10-137		6.43	25	
Diphenylamine	21.6	5.00	"	25.0	ND	86.3	40-140		6.76	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51184 - EPA 3510C											
Matrix Spike Dup (BA51184-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/21/2025 Analyzed: 01/22/2025		
Hexachlorocyclopentadiene	6.29	10.0	ug/L	25.0	ND	25.2	10-79		12.1	25	
Isophorone	20.2	5.00	"	25.0	ND	80.8	25-103		4.92	25	
N-nitroso-di-n-propylamine	16.4	5.00	"	25.0	ND	65.7	19-115		4.67	25	
N-Nitrosodiphenylamine	22.3	5.00	"	25.0	ND	89.2	31-112		11.8	25	
Phenol	5.64	5.00	"	25.0	ND	22.6	10-61		5.09	25	
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias		25	
Surrogate: SURR: 2-Fluorophenol	*15.4*		*"*	*50.0*		*30.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.09*		*"*	*50.0*		*18.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.8*		*"*	*25.0*		*75.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.1*		*"*	*25.0*		*68.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.9*		*"*	*50.0*		*85.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.6*		*"*	*25.0*		*70.3*	*30.7-106*				
Batch BA51323 - EPA 3510C											
Blank (BA51323-BLK1) Blank									Prepared & Analyzed: 01/23/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51323 - EPA 3510C											
Blank (BA51323-BLK1) Blank								Prepared & Analyzed: 01/23/2025			
Bis(2-chloroethyl)ether	ND	5.00	ug/L								
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	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*15.6*		*"*	*50.0*		*31.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.44*		*"*	*50.0*		*12.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.4*		*"*	*25.0*		*57.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.1*		*"*	*25.0*		*52.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.0*		*"*	*50.0*		*69.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.3*		*"*	*25.0*		*73.2*	*30.7-106*				
Blank (BA51323-BLK2) Blank								Prepared & Analyzed: 01/23/2025			
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 - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51323 - EPA 3510C											
LCS (BA51323-BS1) LCS							Prepared & Analyzed: 01/23/2025				
1,1-Biphenyl	12.9	5.00	ug/L	25.0		51.8	33-95				
1,2,4,5-Tetrachlorobenzene	14.0	5.00	"	25.0		56.1	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	16.9	5.00	"	25.0		67.7	16-141				
2,3,4,6-Tetrachlorophenol	18.9	5.00	"	25.0		75.4	30-130				
2,4,5-Trichlorophenol	16.5	5.00	"	25.0		65.9	32-114				
2,4,6-Trichlorophenol	17.1	5.00	"	25.0		68.2	35-118				
2,4-Dichlorophenol	16.5	5.00	"	25.0		65.9	25-116				
2,4-Dimethylphenol	16.5	5.00	"	25.0		66.0	15-116				
2,4-Dinitrophenol	11.8	5.00	"	25.0		47.0	10-170				
2,4-Dinitrotoluene	17.0	5.00	"	25.0		67.8	41-128				
2,6-Dinitrotoluene	16.9	5.00	"	25.0		67.6	45-116				
2-Chloronaphthalene	13.2	5.00	"	25.0		52.9	33-112				
2-Chlorophenol	12.6	5.00	"	25.0		50.5	15-120				
2-Methylnaphthalene	13.3	5.00	"	25.0		53.0	24-118				
2-Methylphenol	11.7	5.00	"	25.0		46.7	10-110				
2-Nitroaniline	16.8	5.00	"	25.0		67.2	34-129				
2-Nitrophenol	16.4	5.00	"	25.0		65.7	28-118				
3- & 4-Methylphenols	8.66	5.00	"	25.0		34.6	10-107				
3,3-Dichlorobenzidine	15.8	5.00	"	25.0		63.2	15-187				
3-Nitroaniline	15.2	5.00	"	25.0		60.6	24-134				
4,6-Dinitro-2-methylphenol	18.7	5.00	"	25.0		74.8	10-153				
4-Bromophenyl phenyl ether	15.9	5.00	"	25.0		63.7	34-120				
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.4	20-120				
4-Chloroaniline	12.8	5.00	"	25.0		51.2	10-147				
4-Chlorophenyl phenyl ether	15.6	5.00	"	25.0		62.3	27-121				
4-Nitroaniline	14.9	5.00	"	25.0		59.6	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	13.5	5.00	"	25.0		54.0	25-110				
Aniline	8.83	5.00	"	25.0		35.3	10-117				
Benzaldehyde	13.9	5.00	"	25.0		55.4	29-117				
Benzoic acid	3.38	5.00	"	25.0		13.5	30-130	Low Bias			
Benzyl alcohol	8.33	5.00	"	25.0		33.3	10-117				
Benzyl butyl phthalate	18.7	5.00	"	25.0		74.8	29-133				
Bis(2-chloroethoxy)methane	14.2	5.00	"	25.0		56.8	10-154				
Bis(2-chloroethyl)ether	18.2	5.00	"	25.0		72.9	17-125				
Bis(2-chloroisopropyl)ether	9.81	5.00	"	25.0		39.2	10-139				
Caprolactam	3.23	5.00	"	25.0		12.9	10-137				
Carbazole	15.3	5.00	"	25.0		61.0	42-126				
Dibenzofuran	14.5	5.00	"	25.0		58.0	36-113				
Diethyl phthalate	16.5	5.00	"	25.0		66.2	38-115				
Dimethyl phthalate	16.2	5.00	"	25.0		65.0	38-129				
Di-n-butyl phthalate	18.0	5.00	"	25.0		71.9	31-120				
Di-n-octyl phthalate	20.3	5.00	"	25.0		81.2	21-149				
Diphenylamine	18.0	5.00	"	25.0		72.2	40-140				
Hexachlorocyclopentadiene	10.7	10.0	"	25.0		42.8	10-130				
Isophorone	16.1	5.00	"	25.0		64.3	25-127				
N-nitroso-di-n-propylamine	13.6	5.00	"	25.0		54.3	26-122				
N-Nitrosodiphenylamine	18.1	5.00	"	25.0		72.2	23-149				
Phenol	5.11	5.00	"	25.0		20.4	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.5*		*"*	*50.0*		*30.9*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51323 - EPA 3510C											
LCS (BA51323-BS1) LCS							Prepared & Analyzed: 01/23/2025				
Surrogate: SURR: Phenol-d6	*8.86*		*ug/L*	*50.0*		*17.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.2*		*"*	*25.0*		*60.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.5*		*"*	*25.0*		*54.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.9*		*"*	*50.0*		*77.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.1*		*"*	*25.0*		*68.2*	*30.7-106*				
LCS (BA51323-BS2) LCS							Prepared & Analyzed: 01/23/2025				
Acenaphthene	0.470	0.0500	ug/L	1.00		47.0	25-116				
Acenaphthylene	0.480	0.0500	"	1.00		48.0	26-116				
Anthracene	0.470	0.0500	"	1.00		47.0	25-123				
Benzo(a)anthracene	0.540	0.0500	"	1.00		54.0	33-125				
Benzo(a)pyrene	0.500	0.0500	"	1.00		50.0	32-132				
Benzo(b)fluoranthene	0.590	0.0500	"	1.00		59.0	22-137				
Benzo(g,h,i)perylene	0.910	0.0500	"	1.00		91.0	10-138				
Benzo(k)fluoranthene	0.720	0.0500	"	1.00		72.0	20-137				
Bis(2-ethylhexyl)phthalate	0.820	0.500	"	1.00		82.0	10-189				
Chrysene	0.510	0.0500	"	1.00		51.0	32-124				
Dibenzo(a,h)anthracene	0.750	0.0500	"	1.00		75.0	16-133				
Fluoranthene	0.650	0.0500	"	1.00		65.0	32-121				
Fluorene	0.500	0.0500	"	1.00		50.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	0.510	0.500	"	1.00		51.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.710	0.0500	"	1.00		71.0	15-135				
Naphthalene	0.450	0.0500	"	1.00		45.0	18-120				
Nitrobenzene	0.290	0.250	"	1.00		29.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.520	0.0500	"	1.00		52.0	24-127				
Pyrene	0.540	0.0500	"	1.00		54.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51323 - EPA 3510C											
LCS Dup (BA51323-BSD1) LCS Dup							Prepared & Analyzed: 01/23/2025				
1,1-Biphenyl	13.2	5.00	ug/L	25.0		53.0	33-95		2.37	20	
1,2,4,5-Tetrachlorobenzene	13.7	5.00	"	25.0		55.0	26-120		2.09	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.1	5.00	"	25.0		68.4	16-141		1.12	20	
2,3,4,6-Tetrachlorophenol	19.2	5.00	"	25.0		76.9	30-130		1.94	20	
2,4,5-Trichlorophenol	17.2	5.00	"	25.0		68.9	32-114		4.45	20	
2,4,6-Trichlorophenol	17.5	5.00	"	25.0		70.1	35-118		2.72	20	
2,4-Dichlorophenol	17.0	5.00	"	25.0		68.2	25-116		3.40	20	
2,4-Dimethylphenol	17.2	5.00	"	25.0		69.0	15-116		4.51	20	
2,4-Dinitrophenol	12.0	5.00	"	25.0		48.0	10-170		2.10	20	
2,4-Dinitrotoluene	16.2	5.00	"	25.0		65.0	41-128		4.34	20	
2,6-Dinitrotoluene	17.2	5.00	"	25.0		68.9	45-116		1.93	20	
2-Chloronaphthalene	13.7	5.00	"	25.0		54.9	33-112		3.78	20	
2-Chlorophenol	13.4	5.00	"	25.0		53.6	15-120		5.84	20	
2-Methylnaphthalene	14.2	5.00	"	25.0		56.7	24-118		6.71	20	
2-Methylphenol	12.2	5.00	"	25.0		48.9	10-110		4.60	20	
2-Nitroaniline	16.2	5.00	"	25.0		64.6	34-129		3.82	20	
2-Nitrophenol	17.4	5.00	"	25.0		69.5	28-118		5.68	20	
3- & 4-Methylphenols	9.34	5.00	"	25.0		37.4	10-107		7.56	20	
3,3-Dichlorobenzidine	15.2	5.00	"	25.0		60.9	15-187		3.74	20	
3-Nitroaniline	13.7	5.00	"	25.0		54.6	24-134		10.4	20	
4,6-Dinitro-2-methylphenol	17.4	5.00	"	25.0		69.4	10-153		7.54	20	
4-Bromophenyl phenyl ether	16.0	5.00	"	25.0		63.8	34-120		0.125	20	
4-Chloro-3-methylphenol	19.8	5.00	"	25.0		79.0	20-120		3.29	20	
4-Chloroaniline	11.2	5.00	"	25.0		44.8	10-147		13.2	20	
4-Chlorophenyl phenyl ether	14.9	5.00	"	25.0		59.7	27-121		4.20	20	
4-Nitroaniline	14.5	5.00	"	25.0		58.2	13-134		2.51	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	13.8	5.00	"	25.0		55.1	25-110		2.13	20	
Aniline	10.1	5.00	"	25.0		40.4	10-117		13.4	20	
Benzaldehyde	13.8	5.00	"	25.0		55.4	29-117		0.144	20	
Benzoic acid	3.95	5.00	"	25.0		15.8	30-130	Low Bias	15.6	20	
Benzyl alcohol	9.16	5.00	"	25.0		36.6	10-117		9.49	20	
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.8	29-133		2.76	20	
Bis(2-chloroethoxy)methane	14.4	5.00	"	25.0		57.5	10-154		1.19	20	
Bis(2-chloroethyl)ether	20.8	5.00	"	25.0		83.4	17-125		13.4	20	
Bis(2-chloroisopropyl)ether	10.7	5.00	"	25.0		42.7	10-139		8.49	20	
Caprolactam	3.72	5.00	"	25.0		14.9	10-137		14.1	20	
Carbazole	15.3	5.00	"	25.0		61.0	42-126		0.00	20	
Dibenzofuran	14.1	5.00	"	25.0		56.4	36-113		2.73	20	
Diethyl phthalate	16.6	5.00	"	25.0		66.3	38-115		0.181	20	
Dimethyl phthalate	15.8	5.00	"	25.0		63.0	38-129		3.00	20	
Di-n-butyl phthalate	17.4	5.00	"	25.0		69.7	31-120		3.05	20	
Di-n-octyl phthalate	19.7	5.00	"	25.0		78.9	21-149		2.85	20	
Diphenylamine	17.6	5.00	"	25.0		70.2	40-140		2.75	20	
Hexachlorocyclopentadiene	10.6	10.0	"	25.0		42.3	10-130		1.13	20	
Isophorone	16.3	5.00	"	25.0		65.2	25-127		1.48	20	
N-nitroso-di-n-propylamine	14.8	5.00	"	25.0		59.2	26-122		8.74	20	
N-Nitrosodiphenylamine	18.3	5.00	"	25.0		73.2	23-149		1.37	20	
Phenol	5.28	5.00	"	25.0		21.1	10-110		3.27	20	
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*14.8*		*"*	*50.0*		*29.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51323 - EPA 3510C											
LCS Dup (BA51323-BSD1) LCS Dup									Prepared & Analyzed: 01/23/2025		
Surrogate: SURR: Phenol-d6	*8.10*		*ug/L*	*50.0*		*16.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.5*		*"*	*25.0*		*62.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.2*		*"*	*25.0*		*53.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.9*		*"*	*50.0*		*73.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.0*		*"*	*25.0*		*63.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

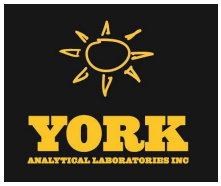
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51120 - EPA 3535A											
Blank (BA51120-BLK1) Blank								Prepared: 01/20/2025 Analyzed: 01/21/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BA51120-BS1) LCS								Prepared: 01/20/2025 Analyzed: 01/21/2025			
1,4-Dioxane	4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.20*		*"*	*4.00*		*80.0*	*36.6-118*				
Batch BA51258 - EPA 3535A											
Blank (BA51258-BLK1) Blank								Prepared: 01/22/2025 Analyzed: 01/23/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.24*		*"*	*4.00*		*56.0*	*36.6-118*				
LCS (BA51258-BS1) LCS								Prepared: 01/22/2025 Analyzed: 01/23/2025			
1,4-Dioxane	3.71	0.300	ug/L	4.00		92.8	50-130				
Surrogate: 1,4-Dioxane-d8	*2.24*		*"*	*4.00*		*56.0*	*36.6-118*				
Matrix Spike (BA51258-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/22/2025 Analyzed: 01/23/2025			
1,4-Dioxane	4.27	0.300	ug/L	4.00	ND	107	50-130				
Surrogate: 1,4-Dioxane-d8	*2.40*		*"*	*4.00*		*60.0*	*50-130*				
Matrix Spike Dup (BA51258-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/22/2025 Analyzed: 01/23/2025			
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130		6.58	30	
Surrogate: 1,4-Dioxane-d8	*2.24*		*"*	*4.00*		*56.0*	*50-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51097 - EPA 1633 Prep											
Blank (BA51097-BLK1) Blank									Prepared: 01/19/2025 Analyzed: 01/21/2025		
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	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.5*		*"*	*23.3*		*118*	*25-150*				
Surrogate: M5PFHxA	*26.7*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M4PFHpA	*29.5*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M3PFHxS	*30.2*		*"*	*23.7*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.1*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M6PFDA	*14.4*		*"*	*12.5*		*115*	*25-150*				
Surrogate: M7PFUdA	*14.4*		*"*	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.8*		*"*	*12.5*		*111*	*25-150*				
Surrogate: M2PFTeDA	*12.0*		*"*	*12.5*		*96.3*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51097 - EPA 1633 Prep											
Blank (BA51097-BLK1) Blank								Prepared: 01/19/2025 Analyzed: 01/21/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.30*		*ng/L*	*100*		*2.30*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.5*		*"*	*24.0*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*26.7*		*"*	*50.0*		*53.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.4*		*"*	*25.0*		*114*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.0*		*"*	*50.0*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.0*		*"*	*50.0*		*116*	*25-150*				
Surrogate: M2-6:2 FTS	*41.0*		*"*	*47.6*		*86.3*	*25-200*				
Surrogate: M2-8:2 FTS	*42.6*		*"*	*48.0*		*88.8*	*25-200*				
Surrogate: M9PFNA	*14.1*		*"*	*12.5*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*39.4*		*"*	*46.9*		*84.1*	*25-150*				
Surrogate: d-N-MeFOSA	*22.6*		*"*	*25.0*		*90.5*	*25-150*				
Surrogate: d-N-EtFOSA	*23.3*		*"*	*25.0*		*93.1*	*25-150*				
Surrogate: M3HFPO-DA	*100*		*"*	*100*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*230*		*"*	*250*		*91.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*202*		*"*	*250*		*80.8*	*25-150*				
LCS (BA51097-BS1) LCS								Prepared: 01/19/2025 Analyzed: 01/21/2025			
Perfluorobutanesulfonic acid (PFBS)	35.6	1.77	ng/L	35.4		101	50-150				
Perfluorohexanoic acid (PFHxA)	40.7	2.00	"	40.0		102	50-150				
Perfluoroheptanoic acid (PFHpA)	39.2	2.00	"	40.0		98.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	36.2	1.83	"	36.6		99.0	50-150				
Perfluorooctanoic acid (PFOA)	34.5	2.00	"	40.0		86.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.7	1.86	"	37.2		93.3	50-150				
Perfluorononanoic acid (PFNA)	32.4	2.00	"	40.0		80.9	50-150				
Perfluorodecanoic acid (PFDA)	33.4	2.00	"	40.0		83.4	50-150				
Perfluoroundecanoic acid (PFUnA)	38.9	2.00	"	40.0		97.3	50-150				
Perfluorododecanoic acid (PFDoA)	40.5	2.00	"	40.0		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	50.5	2.00	"	40.0		126	50-150				
Perfluorotetradecanoic acid (PFTA)	38.8	2.00	"	40.0		97.0	50-150				
N-MeFOSAA	42.7	2.00	"	40.0		107	50-150				
N-EtFOSAA	41.1	2.00	"	40.0		103	50-150				
Perfluoropentanoic acid (PFPeA)	81.4	4.00	"	80.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	40.7	2.00	"	40.0		102	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.2	1.91	"	38.2		89.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.8	1.93	"	38.6		95.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	146	7.60	"	152		95.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	170	7.68	"	154		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	133	8.00	"	160		83.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.0	3.56	"	71.2		98.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.7	4.00	"	80.0		80.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	13.9	4.00	"	80.0		17.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	117	4.00	"	80.0		146	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	35.4	1.88	"	37.6		94.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	146	7.50	"	150		97.1	50-150				
HFPO-DA (Gen-X)	95.1	8.00	"	80.0		119	50-150				
11CL-PF3OUdS	78.9	7.56	"	75.6		104	50-150				
9CL-PF3ONS	90.4	7.48	"	74.8		121	50-150				
ADONA	96.5	7.56	"	75.6		128	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51097 - EPA 1633 Prep											
LCS (BA51097-BS1) LCS								Prepared: 01/19/2025 Analyzed: 01/21/2025			
Perfluorododecanesulfonic acid (PFDoS)	29.2	1.94	ng/L	38.8		75.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	42.1	1.92	"	38.4		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	142	5.00	"	160		88.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	918	25.0	"	800		115	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	901	25.0	"	800		113	50-150				
N-MeFOSE	449	20.0	"	400		112	50-150				
N-MeFOSA	41.5	2.00	"	40.0		104	50-150				
N-EtFOSE	372	20.0	"	400		93.1	50-150				
N-EtFOSA	38.0	2.00	"	40.0		94.9	50-150				
Surrogate: M3PFBS	*25.0*		*"*	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*25.7*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.3*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*29.1*		*"*	*23.7*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.4*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*17.1*		*"*	*12.5*		*137*	*25-150*				
Surrogate: M7PFUdA	*17.7*		*"*	*12.5*		*142*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.6*		*"*	*12.5*		*133*	*25-150*				
Surrogate: M2PFTeDA	*12.5*		*"*	*12.5*		*100*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.49*		*"*	*100*		*2.49*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.4*		*"*	*24.0*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.6*		*"*	*50.0*		*49.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.2*		*"*	*25.0*		*109*	*10-150*				
Surrogate: d3-N-MeFOSAA	*52.0*		*"*	*50.0*		*104*	*25-150*				
Surrogate: d5-N-EtFOSAA	*56.2*		*"*	*50.0*		*112*	*25-150*				
Surrogate: M2-6:2 FTS	*42.1*		*"*	*47.6*		*88.5*	*25-200*				
Surrogate: M2-8:2 FTS	*43.0*		*"*	*48.0*		*89.7*	*25-200*				
Surrogate: M9PFNA	*15.2*		*"*	*12.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*39.2*		*"*	*46.9*		*83.6*	*25-150*				
Surrogate: d-N-MeFOSA	*23.8*		*"*	*25.0*		*95.1*	*25-150*				
Surrogate: d-N-EtFOSA	*22.2*		*"*	*25.0*		*88.6*	*25-150*				
Surrogate: M3HFPO-DA	*93.9*		*"*	*100*		*93.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*228*		*"*	*250*		*91.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*211*		*"*	*250*		*84.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51097 - EPA 1633 Prep											
LCS (BA51097-BS2) LCS								Prepared: 01/19/2025 Analyzed: 01/21/2025			
Perfluorobutanesulfonic acid (PFBS)	3.77	1.77	ng/L	3.54		106	50-150				
Perfluorohexanoic acid (PFHxA)	4.25	2.00	"	4.00		106	50-150				
Perfluoroheptanoic acid (PFHpA)	4.22	2.00	"	4.00		106	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	1.83	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.55	2.00	"	4.00		88.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	1.86	"	3.72		101	50-150				
Perfluorononanoic acid (PFNA)	3.63	2.00	"	4.00		90.9	50-150				
Perfluorodecanoic acid (PFDA)	3.42	2.00	"	4.00		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.81	2.00	"	4.00		95.1	50-150				
Perfluorododecanoic acid (PFDoA)	4.18	2.00	"	4.00		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.47	2.00	"	4.00		137	50-150				
Perfluorotetradecanoic acid (PFTA)	4.25	2.00	"	4.00		106	50-150				
N-MeFOSAA	4.91	2.00	"	4.00		123	50-150				
N-EtFOSAA	4.30	2.00	"	4.00		108	50-150				
Perfluoropentanoic acid (PFPeA)	8.34	4.00	"	8.00		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.16	2.00	"	4.00		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.79	1.91	"	3.82		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.31	1.93	"	3.86		85.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	7.60	"	15.2		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.4	7.68	"	15.4		113	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.8	8.00	"	16.0		86.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.74	3.56	"	7.12		94.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.09	4.00	"	8.00		88.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.39	4.00	"	8.00		17.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	4.00	"	8.00		140	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.77	1.88	"	3.76		100	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.0	7.50	"	15.0		107	50-150				
HFPO-DA (Gen-X)	6.63	8.00	"	8.00		82.9	50-150				
11CL-PF3OUdS	7.18	7.56	"	7.56		94.9	50-150				
9CL-PF3ONS	8.29	7.48	"	7.48		111	50-150				
ADONA	9.07	7.56	"	7.56		120	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.74	1.94	"	3.88		70.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.73	1.92	"	3.84		123	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	15.7	5.00	"	16.0		98.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	90.1	25.0	"	80.0		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	86.0	25.0	"	80.0		108	50-150				
N-MeFOSE	45.6	20.0	"	40.0		114	50-150				
N-MeFOSA	3.92	2.00	"	4.00		98.0	50-150				
N-EtFOSE	36.9	20.0	"	40.0		92.3	50-150				
N-EtFOSA	3.96	2.00	"	4.00		98.9	50-150				
Surrogate: M3PFBS	*30.1*		"	*23.3*		*129*	*25-150*				
Surrogate: M5PFHxA	*28.9*		"	*25.0*		*116*	*25-150*				
Surrogate: M4PFHpA	*30.0*		"	*25.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*32.9*		"	*23.7*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.5*		"	*25.0*		*142*	*25-150*				
Surrogate: M6PFDA	*16.3*		"	*12.5*		*131*	*25-150*				
Surrogate: M7PFUdA	*17.8*		"	*12.5*		*142*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.8*		"	*12.5*		*134*	*25-150*				
Surrogate: M2PFTeDA	*11.4*		"	*12.5*		*91.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51097 - EPA 1633 Prep											
LCS (BA51097-BS2) LCS									Prepared: 01/19/2025 Analyzed: 01/21/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.00*		*ng/L*	*100*		*4.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.3*		*"*	*24.0*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*31.9*		*"*	*50.0*		*63.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.1*		*"*	*25.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*58.1*		*"*	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.1*		*"*	*50.0*		*124*	*25-150*				
Surrogate: M2-6:2 FTS	*45.3*		*"*	*47.6*		*95.3*	*25-200*				
Surrogate: M2-8:2 FTS	*46.4*		*"*	*48.0*		*96.7*	*25-200*				
Surrogate: M9PFNA	*16.4*		*"*	*12.5*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*44.7*		*"*	*46.9*		*95.4*	*25-150*				
Surrogate: d-N-MeFOSA	*24.7*		*"*	*25.0*		*98.8*	*25-150*				
Surrogate: d-N-EtFOSA	*24.0*		*"*	*25.0*		*95.8*	*25-150*				
Surrogate: M3HFPO-DA	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*233*		*"*	*250*		*93.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*220*		*"*	*250*		*87.9*	*25-150*				
Batch BA51159 - EPA 1633 Prep											
Blank (BA51159-BLK1) Blank									Prepared: 01/20/2025 Analyzed: 01/21/2025		
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

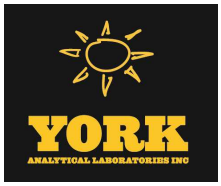
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
Blank (BA51159-BLK1) Blank									Prepared: 01/20/2025 Analyzed: 01/21/2025		
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	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*23.5*		"	*23.3*		*101*	*25-150*				
Surrogate: M5PFHxA	*27.1*		"	*25.0*		*108*	*25-150*				
Surrogate: M4PFHpA	*27.5*		"	*25.0*		*110*	*25-150*				
Surrogate: M3PFHxS	*25.5*		"	*23.7*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.4*		"	*25.0*		*97.6*	*25-150*				
Surrogate: M6PFDA	*14.2*		"	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*13.7*		"	*12.5*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*92.1*	*25-150*				
Surrogate: M2PFTeDA	*8.50*		"	*12.5*		*68.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.36*		"	*100*		*2.36*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		"	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*29.8*		"	*50.0*		*59.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.3*		"	*25.0*		*97.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.0*		"	*50.0*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.6*		"	*50.0*		*95.2*	*25-150*				
Surrogate: M2-6:2 FTS	*40.5*		"	*47.6*		*85.3*	*25-200*				
Surrogate: M2-8:2 FTS	*41.8*		"	*48.0*		*87.1*	*25-200*				
Surrogate: M9PFNA	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*38.6*		"	*46.9*		*82.3*	*25-150*				
Surrogate: d-N-MeFOSA	*22.0*		"	*25.0*		*87.9*	*25-150*				
Surrogate: d-N-EtFOSA	*20.1*		"	*25.0*		*80.2*	*25-150*				
Surrogate: M3HFPO-DA	*109*		"	*100*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*156*		"	*250*		*62.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*167*		"	*250*		*66.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
LCS (BA51159-BS1) LCS								Prepared: 01/20/2025 Analyzed: 01/21/2025			
Perfluorobutanesulfonic acid (PFBS)	36.0	1.77	ng/L	35.4		102	50-150				
Perfluorohexanoic acid (PFHxA)	41.2	2.00	"	40.0		103	50-150				
Perfluoroheptanoic acid (PFHpA)	37.9	2.00	"	40.0		94.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.0	1.83	"	36.6		104	50-150				
Perfluorooctanoic acid (PFOA)	38.9	2.00	"	40.0		97.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	33.5	1.86	"	37.2		90.1	50-150				
Perfluorononanoic acid (PFNA)	35.7	2.00	"	40.0		89.2	50-150				
Perfluorodecanoic acid (PFDA)	35.2	2.00	"	40.0		88.1	50-150				
Perfluoroundecanoic acid (PFUnA)	38.9	2.00	"	40.0		97.3	50-150				
Perfluorododecanoic acid (PFDoA)	34.9	2.00	"	40.0		87.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	49.2	2.00	"	40.0		123	50-150				
Perfluorotetradecanoic acid (PFTA)	38.3	2.00	"	40.0		95.7	50-150				
N-MeFOSAA	43.0	2.00	"	40.0		107	50-150				
N-EtFOSAA	46.9	2.00	"	40.0		117	50-150				
Perfluoropentanoic acid (PFPeA)	80.4	4.00	"	80.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	34.8	2.00	"	40.0		86.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.0	1.91	"	38.2		91.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.2	1.93	"	38.6		91.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	140	7.60	"	152		92.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	167	7.68	"	154		109	50-150				
Perfluoro-n-butanoic acid (PFBA)	124	8.00	"	160		77.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	69.4	3.56	"	71.2		97.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.7	4.00	"	80.0		78.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.96	4.00	"	80.0		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	102	4.00	"	80.0		128	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	37.5	1.88	"	37.6		99.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	152	7.50	"	150		102	50-150				
HFPO-DA (Gen-X)	86.7	8.00	"	80.0		108	50-150				
11CL-PF3OUdS	65.3	7.56	"	75.6		86.4	50-150				
9CL-PF3ONS	78.5	7.48	"	74.8		105	50-150				
ADONA	86.3	7.56	"	75.6		114	50-150				
Perfluorododecanesulfonic acid (PFDoS)	25.7	1.94	"	38.8		66.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	39.1	1.92	"	38.4		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	135	5.00	"	160		84.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	859	25.0	"	800		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	933	25.0	"	800		117	50-150				
N-MeFOSE	427	20.0	"	400		107	50-150				
N-MeFOSA	42.4	2.00	"	40.0		106	50-150				
N-EtFOSE	346	20.0	"	400		86.4	50-150				
N-EtFOSA	30.8	2.00	"	40.0		77.0	50-150				
Surrogate: M3PFBS	*25.4*		"	*23.3*		*109*	*25-150*				
Surrogate: M5PFHxA	*24.7*		"	*25.0*		*98.6*	*25-150*				
Surrogate: M4PFHpA	*26.3*		"	*25.0*		*105*	*25-150*				
Surrogate: M3PFHxS	*27.1*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.7*		"	*25.0*		*103*	*25-150*				
Surrogate: M6PFDA	*14.5*		"	*12.5*		*116*	*25-150*				
Surrogate: M7PFUdA	*14.3*		"	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		"	*12.5*		*109*	*25-150*				
Surrogate: M2PFTeDA	*9.45*		"	*12.5*		*75.6*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

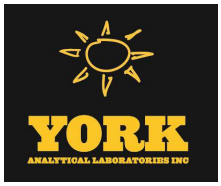
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
LCS (BA51159-BS1) LCS								Prepared: 01/20/2025 Analyzed: 01/21/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.93*		*ng/L*	*100*		*1.93*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.1*		*"*	*24.0*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.1*		*"*	*50.0*		*60.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.9*		*"*	*25.0*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.4*		*"*	*50.0*		*131*	*25-150*				
Surrogate: d5-N-EtFOSAA	*64.7*		*"*	*50.0*		*129*	*25-150*				
Surrogate: M2-6:2 FTS	*60.2*		*"*	*47.6*		*127*	*25-200*				
Surrogate: M2-8:2 FTS	*102*		*"*	*48.0*		*213*	*25-200*				
Surrogate: M9PFNA	*13.7*		*"*	*12.5*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*43.0*		*"*	*46.9*		*91.7*	*25-150*				
Surrogate: d-N-MeFOSA	*20.0*		*"*	*25.0*		*80.1*	*25-150*				
Surrogate: d-N-EtFOSA	*21.2*		*"*	*25.0*		*84.6*	*25-150*				
Surrogate: M3HFPO-DA	*96.7*		*"*	*100*		*96.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		*"*	*250*		*76.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*173*		*"*	*250*		*69.3*	*25-150*				
LCS (BA51159-BS2) LCS								Prepared: 01/20/2025 Analyzed: 01/21/2025			
Perfluorobutanesulfonic acid (PFBS)	3.92	1.77	ng/L	3.54		111	50-150				
Perfluorohexanoic acid (PFHxA)	4.44	2.00	"	4.00		111	50-150				
Perfluoroheptanoic acid (PFHpA)	4.34	2.00	"	4.00		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.20	1.83	"	3.66		115	50-150				
Perfluorooctanoic acid (PFOA)	3.43	2.00	"	4.00		85.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.99	1.86	"	3.72		107	50-150				
Perfluorononanoic acid (PFNA)	3.91	2.00	"	4.00		97.7	50-150				
Perfluorodecanoic acid (PFDA)	3.32	2.00	"	4.00		83.0	50-150				
Perfluoroundecanoic acid (PFUnA)	4.65	2.00	"	4.00		116	50-150				
Perfluorododecanoic acid (PFDoA)	3.75	2.00	"	4.00		93.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.01	2.00	"	4.00		150	50-150				
Perfluorotetradecanoic acid (PFTA)	4.25	2.00	"	4.00		106	50-150				
N-MeFOSAA	4.65	2.00	"	4.00		116	50-150				
N-EtFOSAA	4.08	2.00	"	4.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	8.57	4.00	"	8.00		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.90	2.00	"	4.00		97.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.70	1.91	"	3.82		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.66	1.93	"	3.86		94.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	7.60	"	15.2		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	18.1	7.68	"	15.4		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.4	8.00	"	16.0		90.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.46	3.56	"	7.12		105	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.30	4.00	"	8.00		78.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.22	4.00	"	8.00		15.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.3	4.00	"	8.00		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	1.88	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	18.3	7.50	"	15.0		122	50-150				
HFPO-DA (Gen-X)	8.16	8.00	"	8.00		102	50-150				
11CL-PF3OUdS	7.57	7.56	"	7.56		100	50-150				
9CL-PF3ONS	8.90	7.48	"	7.48		119	50-150				
ADONA	9.73	7.56	"	7.56		129	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
LCS (BA51159-BS2) LCS								Prepared: 01/20/2025 Analyzed: 01/21/2025			
Perfluorododecanesulfonic acid (PFDoS)	3.29	1.94	ng/L	3.88		84.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.32	1.92	"	3.84		113	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.2	5.00	"	16.0		82.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.5	25.0	"	80.0		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	96.7	25.0	"	80.0		121	50-150				
N-MeFOSE	49.2	20.0	"	40.0		123	50-150				
N-MeFOSA	4.88	2.00	"	4.00		122	50-150				
N-EtFOSE	43.6	20.0	"	40.0		109	50-150				
N-EtFOSA	3.83	2.00	"	4.00		95.8	50-150				
Surrogate: M3PFBS	*26.6*		*"*	*23.3*		*114*	*25-150*				
Surrogate: M5PFHxA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*29.8*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M3PFHxS	*27.5*		*"*	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.3*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M6PFDA	*15.6*		*"*	*12.5*		*125*	*25-150*				
Surrogate: M7PFUdA	*13.1*		*"*	*12.5*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*9.40*		*"*	*12.5*		*75.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.13*		*"*	*100*		*3.13*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.3*		*"*	*24.0*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.6*		*"*	*50.0*		*71.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.5*		*"*	*25.0*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.4*		*"*	*50.0*		*129*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.8*		*"*	*50.0*		*138*	*25-150*				
Surrogate: M2-6:2 FTS	*53.5*		*"*	*47.6*		*113*	*25-200*				
Surrogate: M2-8:2 FTS	*76.8*		*"*	*48.0*		*160*	*25-200*				
Surrogate: M9PFNA	*14.2*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*41.2*		*"*	*46.9*		*87.9*	*25-150*				
Surrogate: d-N-MeFOSA	*22.4*		*"*	*25.0*		*89.5*	*25-150*				
Surrogate: d-N-EtFOSA	*21.9*		*"*	*25.0*		*87.7*	*25-150*				
Surrogate: M3HFPO-DA	*101*		*"*	*100*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*162*		*"*	*250*		*64.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*172*		*"*	*250*		*69.0*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

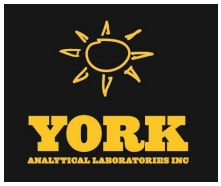
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
Matrix Spike (BA51159-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared: 01/20/2025 Analyzed: 01/22/2025			
Perfluorobutanesulfonic acid (PFBS)	35.7	1.66	ng/L	33.2	3.29	97.6	25-150				
Perfluorohexanoic acid (PFHxA)	44.9	1.87	"	37.5	11.7	88.7	25-150				
Perfluoroheptanoic acid (PFHpA)	40.9	1.87	"	37.5	5.03	95.8	25-150				
Perfluorohexanesulfonic acid (PFHxS)	34.3	1.71	"	34.3	ND	100	25-150				
Perfluorooctanoic acid (PFOA)	52.0	1.87	"	37.5	23.7	75.5	25-150				
Perfluorooctanesulfonic acid (PFOS)	55.1	1.74	"	34.8	10.6	128	25-150				
Perfluorononanoic acid (PFNA)	35.1	1.87	"	37.5	3.41	84.7	25-150				
Perfluorodecanoic acid (PFDA)	32.0	1.87	"	37.5	ND	85.5	25-150				
Perfluoroundecanoic acid (PFUnA)	38.3	1.87	"	37.5	ND	102	25-150				
Perfluorododecanoic acid (PFDoA)	33.3	1.87	"	37.5	ND	89.0	25-150				
Perfluorotridecanoic acid (PFTrDA)	49.6	1.87	"	37.5	ND	132	25-150				
Perfluorotetradecanoic acid (PFTA)	31.2	1.87	"	37.5	ND	83.2	25-150				
N-MeFOSAA	36.7	1.87	"	37.5	ND	97.9	25-150				
N-EtFOSAA	36.7	1.87	"	37.5	ND	98.1	25-150				
Perfluoropentanoic acid (PFPeA)	83.6	3.75	"	74.9	12.8	94.6	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	35.4	1.87	"	37.5	ND	94.6	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	29.7	1.79	"	35.8	ND	82.9	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	28.1	1.81	"	36.1	ND	77.6	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	124	7.12	"	142	ND	87.1	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	140	7.19	"	144	ND	97.5	25-150				
Perfluoro-n-butanoic acid (PFBA)	155	7.49	"	150	9.44	96.9	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	58.5	3.33	"	66.7	ND	87.7	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	54.4	3.75	"	74.9	ND	72.6	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	34.9	3.75	"	74.9	ND	46.6	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	73.0	3.75	"	74.9	ND	97.4	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.3	1.76	"	35.2	ND	97.5	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	137	7.02	"	140	ND	97.4	25-150				
HFPO-DA (Gen-X)	75.1	7.49	"	74.9	ND	100	25-150				
11CL-PF3OUdS	53.4	7.08	"	70.8	ND	75.4	25-150				
9CL-PF3ONS	68.2	7.01	"	70.1	ND	97.4	25-150				
ADONA	75.7	7.08	"	70.8	ND	107	25-150				
Perfluorododecanesulfonic acid (PFDoS)	22.1	1.82	"	36.3	ND	60.8	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	33.7	1.80	"	36.0	ND	93.7	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	166	4.68	"	150	ND	111	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	728	23.4	"	749	ND	97.2	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	706	23.4	"	749	ND	94.3	25-150				
N-MeFOSE	362	18.7	"	375	ND	96.7	25-150				
N-MeFOSA	33.0	1.87	"	37.5	ND	88.1	25-150				
N-EtFOSE	305	18.7	"	375	ND	81.5	25-150				
N-EtFOSA	26.2	1.87	"	37.5	ND	69.8	25-150				
Surrogate: M3PFBS	*25.2*		*"*	*21.8*		*116*	*25-150*				
Surrogate: M5PFHxA	*28.7*		*"*	*23.4*		*123*	*25-150*				
Surrogate: M4PFHpA	*28.6*		*"*	*23.4*		*122*	*25-150*				
Surrogate: M3PFHxS	*26.8*		*"*	*22.2*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.8*		*"*	*23.4*		*123*	*25-150*				
Surrogate: M6PFDA	*14.5*		*"*	*11.7*		*124*	*25-150*				
Surrogate: M7PFUdA	*13.1*		*"*	*11.7*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.4*		*"*	*11.7*		*114*	*25-150*				
Surrogate: M2PFTeDA	*8.98*		*"*	*11.7*		*76.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
Matrix Spike (BA51159-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725) Prepared: 01/20/2025 Analyzed: 01/22/2025											
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*20.2*		*ng/L*	*93.7*		*21.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.9*		*"*	*22.4*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.4*		*"*	*46.8*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.4*		*"*	*23.4*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*52.6*		*"*	*46.8*		*112*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.4*		*"*	*46.8*		*112*	*25-150*				
Surrogate: M2-6:2 FTS	*48.1*		*"*	*44.5*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*46.4*		*"*	*45.0*		*103*	*25-200*				
Surrogate: M9PFNA	*13.0*		*"*	*11.7*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*48.3*		*"*	*43.9*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*19.0*		*"*	*23.4*		*81.1*	*25-150*				
Surrogate: d-N-EtFOSA	*19.9*		*"*	*23.4*		*85.0*	*25-150*				
Surrogate: M3HFPO-DA	*109*		*"*	*93.7*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*196*		*"*	*234*		*83.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*189*		*"*	*234*		*80.7*	*25-150*				
Matrix Spike Dup (BA51159-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725) Prepared: 01/20/2025 Analyzed: 01/22/2025											
Perfluorobutanesulfonic acid (PFBS)	33.6	1.62	ng/L	32.4	3.29	93.5	25-150		5.95	35	
Perfluorohexanoic acid (PFHxA)	45.2	1.83	"	36.6	11.7	91.5	25-150		0.676	35	
Perfluoroheptanoic acid (PFHpA)	38.9	1.83	"	36.6	5.03	92.5	25-150		5.03	35	
Perfluorohexanesulfonic acid (PFHxS)	33.9	1.68	"	33.5	ND	101	25-150		1.17	35	
Perfluorooctanoic acid (PFOA)	51.2	1.83	"	36.6	23.7	75.0	25-150		1.57	35	
Perfluorooctanesulfonic acid (PFOS)	55.3	1.70	"	34.1	10.6	131	25-150		0.238	35	
Perfluorononanoic acid (PFNA)	29.6	1.83	"	36.6	3.41	71.4	25-150		17.2	35	
Perfluorodecanoic acid (PFDA)	27.9	1.83	"	36.6	ND	76.1	25-150		13.8	35	
Perfluoroundecanoic acid (PFUnA)	29.6	1.83	"	36.6	ND	80.7	25-150		25.8	35	
Perfluorododecanoic acid (PFDoA)	30.9	1.83	"	36.6	ND	84.3	25-150		7.66	35	
Perfluorotridecanoic acid (PFTrDA)	34.9	1.83	"	36.6	ND	95.4	25-150		34.7	35	
Perfluorotetradecanoic acid (PFTA)	27.7	1.83	"	36.6	ND	75.6	25-150		11.8	35	
N-MeFOSAA	35.1	1.83	"	36.6	ND	95.7	25-150		4.50	35	
N-EtFOSAA	34.4	1.83	"	36.6	ND	93.8	25-150		6.69	35	
Perfluoropentanoic acid (PFPeA)	80.8	3.66	"	73.3	12.8	92.8	25-150		3.47	35	
Perfluoro-1-octanesulfonamide (FOSA)	32.8	1.83	"	36.6	ND	89.6	25-150		7.71	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	29.4	1.75	"	35.0	ND	84.0	25-150		0.858	35	
Perfluoro-1-decanesulfonic acid (PFDS)	27.9	1.77	"	35.4	ND	79.0	25-150		0.515	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	121	6.96	"	139	ND	86.8	25-150		2.53	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	127	7.03	"	141	ND	90.5	25-150		9.67	35	
Perfluoro-n-butanoic acid (PFBA)	154	7.33	"	147	9.44	98.9	25-150		0.123	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	61.3	3.26	"	65.2	ND	94.0	25-150		4.73	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	67.5	3.66	"	73.3	ND	92.1	25-150		21.4	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	29.5	3.66	"	73.3	ND	40.3	25-150		16.6	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	73.0	3.66	"	73.3	ND	99.7	25-150		0.0666	30	
Perfluoro-1-pentanesulfonate (PFPeS)	31.9	1.72	"	34.4	ND	92.6	25-150		7.43	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	131	6.87	"	137	ND	95.0	25-150		4.72	30	
HFPO-DA (Gen-X)	76.2	7.33	"	73.3	ND	104	25-150		1.42	30	
11CL-PF3OUdS	50.9	6.92	"	69.2	ND	73.5	25-150		4.71	30	
9CL-PF3ONS	66.0	6.85	"	68.5	ND	96.3	25-150		3.31	30	
ADONA	71.8	6.92	"	69.2	ND	104	25-150		5.29	30	



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51159 - EPA 1633 Prep											
Matrix Spike Dup (BA51159-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared: 01/20/2025 Analyzed: 01/22/2025		
Perfluorododecanesulfonic acid (PFDoS)	22.2	1.78	ng/L	35.5	ND	62.5	25-150		0.501	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	31.1	1.76	"	35.2	ND	88.5	25-150		7.93	30	
3-Perfluoropropyl propanoic acid (FPrPA)	156	4.58	"	147	ND	106	25-150		6.25	30	
3-Perfluoropentyl propanoic acid (FPePA)	749	22.9	"	733	ND	102	25-150		2.81	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	724	22.9	"	733	ND	98.7	25-150		2.41	30	
N-MeFOSE	337	18.3	"	366	ND	91.9	25-150		7.34	30	
N-MeFOSA	31.4	1.83	"	36.6	ND	85.8	25-150		4.91	30	
N-EtFOSE	294	18.3	"	366	ND	80.2	25-150		3.90	30	
N-EtFOSA	26.8	1.83	"	36.6	ND	73.2	25-150		2.50	30	
Surrogate: M3PFBS	*25.6*		*"*	*21.3*		*120*	*25-150*				
Surrogate: M5PFHxA	*27.6*		*"*	*22.9*		*121*	*25-150*				
Surrogate: M4PFHpA	*28.4*		*"*	*22.9*		*124*	*25-150*				
Surrogate: M3PFHxS	*26.9*		*"*	*21.7*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.4*		*"*	*22.9*		*129*	*25-150*				
Surrogate: M6PFDA	*14.4*		*"*	*11.4*		*126*	*25-150*				
Surrogate: M7PFUdA	*14.5*		*"*	*11.4*		*127*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.0*		*"*	*11.4*		*113*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		*"*	*11.4*		*96.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*14.2*		*"*	*91.6*		*15.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.1*		*"*	*21.9*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*48.4*		*"*	*45.8*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.8*		*"*	*22.9*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.9*		*"*	*45.8*		*118*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.9*		*"*	*45.8*		*122*	*25-150*				
Surrogate: M2-6:2 FTS	*48.7*		*"*	*43.6*		*112*	*25-200*				
Surrogate: M2-8:2 FTS	*45.3*		*"*	*44.0*		*103*	*25-200*				
Surrogate: M9PFNA	*15.8*		*"*	*11.4*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*49.9*		*"*	*43.0*		*116*	*25-150*				
Surrogate: d-N-MeFOSA	*21.0*		*"*	*22.9*		*91.7*	*25-150*				
Surrogate: d-N-EtFOSA	*20.9*		*"*	*22.9*		*91.1*	*25-150*				
Surrogate: M3HFPO-DA	*112*		*"*	*91.6*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*189*		*"*	*229*		*82.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*194*		*"*	*229*		*84.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51082 - EPA SW846-3510C Low Level											
Blank (BA51082-BLK1) Blank									Prepared: 01/19/2025 Analyzed: 01/20/2025		
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	*0.116*		*"*	*0.200*		*58.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0770*		*"*	*0.200*		*38.5*	*30-150*				
LCS (BA51082-BS1) LCS									Prepared: 01/19/2025 Analyzed: 01/20/2025		
4,4'-DDD	0.0616	0.00400	ug/L	0.0750		82.2	40-140			20	
4,4'-DDE	0.0540	0.00400	"	0.0750		72.0	40-140			20	
4,4'-DDT	0.0639	0.00400	"	0.0750		85.2	40-140			20	
Aldrin	0.0362	0.00400	"	0.0750		48.3	40-140			20	
alpha-BHC	0.0510	0.00400	"	0.0750		68.0	40-140			20	
alpha-Chlordane	0.0495	0.00400	"	0.0750		66.0	40-140			20	
beta-BHC	0.0637	0.00400	"	0.0750		85.0	40-140			20	
delta-BHC	0.0602	0.00400	"	0.0750		80.3	40-140			20	
Dieldrin	0.0542	0.00200	"	0.0750		72.3	40-140			20	
Endosulfan I	0.0555	0.00400	"	0.0750		74.0	40-140			20	
Endosulfan II	0.0627	0.00400	"	0.0750		83.6	40-140			20	
Endosulfan sulfate	0.0616	0.00400	"	0.0750		82.2	40-140			20	
Endrin	0.0642	0.00400	"	0.0750		85.5	40-140			20	
Endrin aldehyde	0.0666	0.0100	"	0.0750		88.8	40-140			20	
Endrin ketone	0.0695	0.0100	"	0.0750		92.7	40-140			20	
gamma-BHC (Lindane)	0.0532	0.00400	"	0.0750		70.9	40-140			20	
gamma-Chlordane	0.0512	0.0100	"	0.0750		68.3	40-140			20	
Heptachlor	0.0479	0.00400	"	0.0750		63.9	40-140			20	
Heptachlor epoxide	0.0522	0.00400	"	0.0750		69.6	40-140			20	
Methoxychlor	0.0824	0.00400	"	0.0750		110	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0768*		*"*	*0.200*		*38.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0637*		*"*	*0.200*		*31.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51082 - EPA SW846-3510C Low Level											
Matrix Spike (BA51082-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/19/2025 Analyzed: 01/20/2025		
4,4'-DDD	0.0635	0.00400	ug/L	0.0750	ND	84.7	30-150			20	
4,4'-DDE	0.0572	0.00400	"	0.0750	ND	76.3	30-150			20	
4,4'-DDT	0.0692	0.00400	"	0.0750	ND	92.2	30-150			20	
Aldrin	0.0405	0.00400	"	0.0750	ND	54.0	30-150			20	
alpha-BHC	0.0533	0.00400	"	0.0750	ND	71.0	30-150			20	
alpha-Chlordane	0.0516	0.00400	"	0.0750	ND	68.8	30-150			20	
beta-BHC	0.0613	0.00400	"	0.0750	ND	81.8	30-150			20	
delta-BHC	0.0629	0.00400	"	0.0750	ND	83.8	30-150			20	
Dieldrin	0.0566	0.00200	"	0.0750	ND	75.5	30-150			20	
Endosulfan I	0.0571	0.00400	"	0.0750	ND	76.1	30-150			20	
Endosulfan II	0.0641	0.00400	"	0.0750	ND	85.5	30-150			20	
Endosulfan sulfate	0.0658	0.00400	"	0.0750	ND	87.7	30-150			20	
Endrin	0.0673	0.00400	"	0.0750	ND	89.8	30-150			20	
Endrin aldehyde	0.0704	0.0100	"	0.0750	ND	93.8	30-150			20	
Endrin ketone	0.0718	0.0100	"	0.0750	ND	95.7	30-150			20	
gamma-BHC (Lindane)	0.0547	0.00400	"	0.0750	ND	72.9	30-150			20	
gamma-Chlordane	0.0527	0.0100	"	0.0750	ND	70.3	30-150			20	
Heptachlor	0.0486	0.00400	"	0.0750	ND	64.8	30-150			20	
Heptachlor epoxide	0.0553	0.00400	"	0.0750	ND	73.7	30-150			20	
Methoxychlor	0.0852	0.00400	"	0.0750	ND	114	30-150			20	
Surrogate: Decachlorobiphenyl	*0.0729*		*"*	*0.200*		*36.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0777*		*"*	*0.200*		*38.8*	*30-150*				
Matrix Spike Dup (BA51082-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/19/2025 Analyzed: 01/20/2025		
4,4'-DDD	0.0576	0.00400	ug/L	0.0750	ND	76.8	30-150		9.69	20	
4,4'-DDE	0.0538	0.00400	"	0.0750	ND	71.8	30-150		6.15	20	
4,4'-DDT	0.0658	0.00400	"	0.0750	ND	87.7	30-150		5.02	20	
Aldrin	0.0399	0.00400	"	0.0750	ND	53.2	30-150		1.59	20	
alpha-BHC	0.0488	0.00400	"	0.0750	ND	65.0	30-150		8.84	20	
alpha-Chlordane	0.0490	0.00400	"	0.0750	ND	65.3	30-150		5.29	20	
beta-BHC	0.0588	0.00400	"	0.0750	ND	78.4	30-150		4.27	20	
delta-BHC	0.0588	0.00400	"	0.0750	ND	78.3	30-150		6.74	20	
Dieldrin	0.0517	0.00200	"	0.0750	ND	69.0	30-150		8.99	20	
Endosulfan I	0.0534	0.00400	"	0.0750	ND	71.2	30-150		6.71	20	
Endosulfan II	0.0602	0.00400	"	0.0750	ND	80.3	30-150		6.27	20	
Endosulfan sulfate	0.0615	0.00400	"	0.0750	ND	82.0	30-150		6.80	20	
Endrin	0.0630	0.00400	"	0.0750	ND	84.0	30-150		6.60	20	
Endrin aldehyde	0.0662	0.0100	"	0.0750	ND	88.2	30-150		6.14	20	
Endrin ketone	0.0687	0.0100	"	0.0750	ND	91.5	30-150		4.47	20	
gamma-BHC (Lindane)	0.0516	0.00400	"	0.0750	ND	68.8	30-150		5.85	20	
gamma-Chlordane	0.0509	0.0100	"	0.0750	ND	67.8	30-150		3.58	20	
Heptachlor	0.0479	0.00400	"	0.0750	ND	63.8	30-150		1.46	20	
Heptachlor epoxide	0.0512	0.00400	"	0.0750	ND	68.2	30-150		7.76	20	
Methoxychlor	0.0814	0.00400	"	0.0750	ND	109	30-150		4.54	20	
Surrogate: Decachlorobiphenyl	*0.0626*		*"*	*0.200*		*31.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0717*		*"*	*0.200*		*35.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5A1320 - BA50563											
Performance Mix (S5A1320-P PEST							Prepared & Analyzed: 01/13/2025				
4,4'-DDD	2.20		ng/mL	0.00			0-200				
4,4'-DDE	2.20		"	0.00			0-200				
4,4'-DDT	230		"	200		115	0-200				
Endrin	139		"	100		139	0-200				
Endrin aldehyde	2.26		"	0.00			0-200				
Endrin ketone	2.48		"	0.00			0-200				
Batch S5A1719 - BA50759											
Performance Mix (S5A1719-P PEST							Prepared & Analyzed: 01/17/2025				
4,4'-DDD	1.70		ng/mL	0.00			0-200				
4,4'-DDE	2.01		"	0.00			0-200				
4,4'-DDT	249		"	200		124	0-200				
Endrin	156		"	100		156	0-200				
Endrin aldehyde	1.49		"	0.00			0-200				
Endrin ketone	2.09		"	0.00			0-200				
Batch S5A2034 - BA50759											
Performance Mix (S5A2034-P PEST							Prepared & Analyzed: 01/20/2025				
4,4'-DDD	1.62		ng/mL	0.00			0-200				
4,4'-DDE	2.49		"	0.00			0-200				
4,4'-DDT	243		"	200		122	0-200				
Endrin	146		"	100		146	0-200				
Endrin aldehyde	1.51		"	0.00			0-200				
Endrin ketone	1.93		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51082 - EPA SW846-3510C Low Level											
Blank (BA51082-BLK2) Blank									Prepared: 01/19/2025 Analyzed: 01/20/2025		
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	*0.103*		*"*	*0.200*		*51.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.115*		*"*	*0.200*		*57.5*	*30-120*				
LCS (BA51082-BS2) LCS									Prepared: 01/19/2025 Analyzed: 01/20/2025		
Aroclor 1016	0.509	0.0500	ug/L	1.00		50.9	40-120				
Aroclor 1260	0.561	0.0500	"	1.00		56.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0740*		*"*	*0.200*		*37.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0730*		*"*	*0.200*		*36.5*	*30-120*				
Matrix Spike (BA51082-MS2) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/19/2025 Analyzed: 01/21/2025		
Aroclor 1016	0.536	0.0500	ug/L	1.00	ND	53.6	40-140				
Aroclor 1260	0.561	0.0500	"	1.00	ND	56.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0860*		*"*	*0.200*		*43.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0620*		*"*	*0.200*		*31.0*	*30-120*				
Matrix Spike Dup (BA51082-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/19/2025 Analyzed: 01/21/2025		
Aroclor 1016	0.430	0.0500	ug/L	1.00	ND	43.0	40-140		21.9	50	
Aroclor 1260	0.473	0.0500	"	1.00	ND	47.3	40-140		17.0	50	
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.200*		*32.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0670*		*"*	*0.200*		*33.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5A2028 - BA51182											
Aroclor Reference (S5A2028-A Aroclor Reference										Prepared & Analyzed: 01/20/2025	
Surrogate: Tetrachloro-m-xylene	*0.242*		*ug/mL*	*0.200*		*121*					
Surrogate: Decachlorobiphenyl	*0.234*		*"*	*0.200*		*117*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51113 - EPA 8151A											
Blank (BA51113-BLK1) Blank									Prepared: 01/20/2025 Analyzed: 01/21/2025		
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)	*111*		*"*	*125*		*88.8*	*30-150*				
LCS (BA51113-BS1) LCS									Prepared: 01/20/2025 Analyzed: 01/21/2025		
2,4,5-T	17.2	5.00	ug/L	20.0		86.2	10-140				
2,4,5-TP (Silvex)	17.5	5.00	"	20.0		87.5	10-139				
2,4-D	16.0	5.00	"	20.0		80.0	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*116*		*"*	*125*		*93.2*	*30-150*				
Matrix Spike (BA51113-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/20/2025 Analyzed: 01/21/2025		
2,4,5-T	16.8	5.00	ug/L	20.0	ND	83.8	30-150				
2,4,5-TP (Silvex)	17.5	5.00	"	20.0	ND	87.5	30-150				
2,4-D	17.8	5.00	"	20.0	ND	88.8	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*116*		*"*	*125*		*93.0*	*30-150*				
Matrix Spike Dup (BA51113-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725)									Prepared: 01/20/2025 Analyzed: 01/21/2025		
2,4,5-T	18.2	5.00	ug/L	20.0	ND	91.2	30-150		8.57	30	
2,4,5-TP (Silvex)	18.2	5.00	"	20.0	ND	91.2	30-150		4.20	30	
2,4-D	18.8	5.00	"	20.0	ND	93.8	30-150		5.48	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*121*		*"*	*125*		*97.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51251 - EPA 3015A											
Blank (BA51251-BLK1) Blank									Prepared & Analyzed: 01/22/2025		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.532	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA51251-BS1) LCS									Prepared & Analyzed: 01/22/2025		
Aluminum	1.82		ug/mL	2.00		91.0	80-120				
Barium	1.95		"	2.00		97.7	80-120				
Calcium	1.71		"	1.00		171	80-120	High Bias			
Chromium	0.196		"	0.200		97.9	80-120				
Cobalt	0.489		"	0.500		97.8	80-120				
Copper	0.245		"	0.250		97.9	80-120				
Iron	0.942		"	1.00		94.2	80-120				
Lead	0.504		"	0.500		101	80-120				
Magnesium	0.964		"	1.00		96.4	80-120				
Manganese	0.488		"	0.500		97.6	80-120				
Nickel	0.490		"	0.500		98.0	80-120				
Potassium	1.34		"	1.00		134	80-120	High Bias			
Silver	0.0459		"	0.0500		91.8	80-120				
Sodium	1.16		"	1.00		116	80-120				
Vanadium	0.476		"	0.500		95.3	80-120				
Zinc	0.504		"	0.500		101	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51251 - EPA 3015A											
Duplicate (BA51251-DUP1) Duplicate	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025		
Aluminum	0.526	0.0556	mg/L		0.859				48.1	20	Non-dir.
Barium	ND	0.0278	"		ND					20	
Calcium	8.70	0.0556	"		9.08				4.24	20	
Chromium	ND	0.00556	"		0.00589					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	0.566	0.278	"		0.931				48.8	20	Non-dir.
Lead	ND	0.00556	"		ND					20	
Magnesium	1.30	0.0556	"		1.41				7.88	20	
Manganese	0.0298	0.00556	"		0.0330				10.3	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	5.28	0.0556	"		5.42				2.62	20	
Silver	ND	0.00556	"		ND					20	
Sodium	11.2	0.556	"		11.7				4.21	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BA51251-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025		
Aluminum	3.06	0.0556	mg/L	2.22	0.859	98.9	75-125				
Barium	2.18	0.0278	"	2.22	ND	97.9	75-125				
Calcium	9.72	0.0556	"	1.11	9.08	57.6	75-125	Low Bias			
Chromium	0.219	0.00556	"	0.222	0.00589	96.1	75-125				
Cobalt	0.542	0.00444	"	0.556	ND	97.6	75-125				
Copper	0.274	0.0222	"	0.278	ND	98.7	75-125				
Iron	2.07	0.278	"	1.11	0.931	102	75-125				
Lead	0.544	0.00556	"	0.556	ND	97.9	75-125				
Magnesium	2.44	0.0556	"	1.11	1.41	92.1	75-125				
Manganese	0.573	0.00556	"	0.556	0.0330	97.2	75-125				
Nickel	0.545	0.0111	"	0.556	ND	98.0	75-125				
Potassium	6.22	0.0556	"	1.11	5.42	72.6	75-125	Low Bias			
Silver	0.0492	0.00556	"	0.0556	ND	88.6	75-125				
Sodium	12.2	0.556	"	1.11	11.7	46.0	75-125	Low Bias			
Vanadium	0.535	0.0111	"	0.556	ND	96.3	75-125				
Zinc	0.549	0.0278	"	0.556	ND	98.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51251 - EPA 3015A											
Post Spike (BA51251-PS1) Post Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Aluminum	2.82		ug/mL	2.00	0.773	102	75-125				
Barium	2.17		"	2.00	0.00560	108	75-125				
Calcium	9.10		"	1.00	8.17	92.7	75-125				
Chromium	0.218		"	0.200	0.00530	106	75-125				
Cobalt	0.539		"	0.500	0.000600	108	75-125				
Copper	0.273		"	0.250	0.00200	108	75-125				
Iron	1.88		"	1.00	0.838	104	75-125				
Lead	0.522		"	0.500	0.00190	104	75-125				
Magnesium	2.31		"	1.00	1.27	104	75-125				
Manganese	0.567		"	0.500	0.0297	108	75-125				
Nickel	0.542		"	0.500	0.00330	108	75-125				
Potassium	6.33		"	1.00	4.87	146	75-125	High Bias			
Silver	0.0455		"	0.0500	-0.00150	91.0	75-125				
Sodium	11.5		"	1.00	10.5	95.3	75-125				
Vanadium	0.532		"	0.500	0.00180	106	75-125				
Zinc	0.545		"	0.500	0.0210	105	75-125				
Batch BA51253 - EPA 3015A											
Blank (BA51253-BLK1) Blank								Prepared & Analyzed: 01/22/2025			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51253 - EPA 3015A											
LCS (BA51253-BS1) LCS								Prepared & Analyzed: 01/22/2025			
Aluminum - Dissolved	2.02		ug/mL	2.00		101	80-120				
Barium - Dissolved	1.99		"	2.00		99.3	80-120				
Calcium - Dissolved	1.30		"	1.00		130	80-120	High Bias			
Chromium - Dissolved	0.202		"	0.200		101	80-120				
Cobalt - Dissolved	0.498		"	0.500		99.7	80-120				
Copper - Dissolved	0.249		"	0.250		99.6	80-120				
Iron - Dissolved	0.985		"	1.00		98.5	80-120				
Lead - Dissolved	0.513		"	0.500		103	80-120				
Magnesium - Dissolved	1.03		"	1.00		103	80-120				
Manganese - Dissolved	0.497		"	0.500		99.5	80-120				
Nickel - Dissolved	0.501		"	0.500		100	80-120				
Potassium - Dissolved	1.56		"	1.00		156	80-120	High Bias			
Silver - Dissolved	0.0472		"	0.0500		94.4	80-120				
Sodium - Dissolved	1.16		"	1.00		116	80-120				
Vanadium - Dissolved	0.484		"	0.500		96.9	80-120				
Zinc - Dissolved	0.491		"	0.500		98.2	80-120				
Duplicate (BA51253-DUP1) Duplicate	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	ND	0.0278	"		ND					20	
Calcium - Dissolved	9.37	0.0556	"		9.56				1.95	20	
Chromium - Dissolved	ND	0.00556	"		0.00911					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	1.28	0.0556	"		1.30				1.86	20	
Manganese - Dissolved	0.0231	0.00556	"		0.0238				2.84	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	6.09	0.0556	"		6.22				2.01	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	11.9	0.556	"		12.1				2.09	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51253 - EPA 3015A											
Matrix Spike (BA51253-MS1) Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Aluminum - Dissolved	2.07	0.0556	mg/L	2.22	ND	92.9	75-125				
Barium - Dissolved	2.22	0.0278	"	2.22	ND	99.7	75-125				
Calcium - Dissolved	10.1	0.0556	"	1.11	9.56	49.5	75-125	Low Bias			
Chromium - Dissolved	0.223	0.00556	"	0.222	0.00911	96.3	75-125				
Cobalt - Dissolved	0.551	0.00444	"	0.556	ND	99.1	75-125				
Copper - Dissolved	0.280	0.0222	"	0.278	ND	101	75-125				
Iron - Dissolved	1.05	0.278	"	1.11	ND	94.6	75-125				
Lead - Dissolved	0.556	0.00556	"	0.556	ND	100	75-125				
Magnesium - Dissolved	2.33	0.0556	"	1.11	1.30	92.3	75-125				
Manganese - Dissolved	0.573	0.00556	"	0.556	0.0238	98.8	75-125				
Nickel - Dissolved	0.553	0.0111	"	0.556	ND	99.6	75-125				
Potassium - Dissolved	7.08	0.0556	"	1.11	6.22	77.3	75-125				
Silver - Dissolved	0.0509	0.00556	"	0.0556	ND	91.6	75-125				
Sodium - Dissolved	12.5	0.556	"	1.11	12.1	35.8	75-125	Low Bias			
Vanadium - Dissolved	0.547	0.0111	"	0.556	ND	98.5	75-125				
Zinc - Dissolved	0.550	0.0278	"	0.556	ND	99.0	75-125				
Post Spike (BA51253-PS1) Post Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Aluminum - Dissolved	1.97		ug/mL	2.00	0.00780	98.0	75-125				
Barium - Dissolved	2.10		"	2.00	0.00350	105	75-125				
Calcium - Dissolved	9.58		"	1.00	8.60	97.9	75-125				
Chromium - Dissolved	0.216		"	0.200	0.00820	104	75-125				
Cobalt - Dissolved	0.522		"	0.500	-0.000200	104	75-125				
Copper - Dissolved	0.265		"	0.250	0.00100	106	75-125				
Iron - Dissolved	1.03		"	1.00	0.0170	101	75-125				
Lead - Dissolved	0.502		"	0.500	0.00120	100	75-125				
Magnesium - Dissolved	2.20		"	1.00	1.17	102	75-125				
Manganese - Dissolved	0.542		"	0.500	0.0214	104	75-125				
Nickel - Dissolved	0.528		"	0.500	0.00680	104	75-125				
Potassium - Dissolved	6.61		"	1.00	5.59	101	75-125				
Silver - Dissolved	0.0417		"	0.0500	-0.000900	83.4	75-125				
Sodium - Dissolved	11.7		"	1.00	10.9	84.2	75-125				
Vanadium - Dissolved	0.519		"	0.500	0.000200	104	75-125				
Zinc - Dissolved	0.527		"	0.500	0.0171	102	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51190 - EPA 3015A											
Blank (BA51190-BLK1) Blank								Prepared & Analyzed: 01/21/2025			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA51190-BS1) LCS								Prepared & Analyzed: 01/21/2025			
Antimony	50.7		ug/L	50.0		101	80-120				
Arsenic	48.7		"	50.0		97.3	80-120				
Beryllium	48.0		"	50.0		96.0	80-120				
Cadmium	50.3		"	50.0		101	80-120				
Selenium	50.0		"	50.0		99.9	80-120				
Thallium	49.3		"	50.0		98.6	80-120				
Duplicate (BA51190-DUP1) Duplicate *Source sample: 25A1092-01 (MW-016_011725)								Prepared & Analyzed: 01/21/2025			
Antimony	2.16	1.11	ug/L		2.23				3.10	20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	4.54	1.11	"		7.64				50.8	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA51190-MS1) Matrix Spike *Source sample: 25A1092-01 (MW-016_011725)								Prepared & Analyzed: 01/21/2025			
Antimony	43.3		ug/L	50.0	2.00	82.5	75-125				
Arsenic	40.6		"	50.0	0.971	79.3	75-125				
Beryllium	33.5		"	50.0	0.072	66.9	75-125	Low Bias			
Cadmium	40.4		"	50.0	0.079	80.7	75-125				
Selenium	49.6		"	50.0	6.88	85.5	75-125				
Thallium	41.7		"	50.0	0.008	83.3	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51247 - EPA 3015A											
Blank (BA51247-BLK1) Blank								Prepared & Analyzed: 01/22/2025			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA51247-BS1) LCS								Prepared & Analyzed: 01/22/2025			
Antimony	50.3		ug/L	50.0		101	80-120				
Arsenic	51.5		"	50.0		103	80-120				
Beryllium	52.2		"	50.0		104	80-120				
Cadmium	45.2		"	50.0		90.3	80-120				
Selenium	52.0		"	50.0		104	80-120				
Thallium	49.3		"	50.0		98.5	80-120				
Duplicate (BA51247-DUP1) Duplicate *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025			
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	1.45	1.11	"		1.22				16.9	20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	5.34	1.11	"		4.42				18.8	20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA51247-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025			
Antimony	50.0		ug/L	50.0	0.089	99.8	75-125				
Arsenic	48.7		"	50.0	1.10	95.2	75-125				
Beryllium	45.4		"	50.0	0.023	90.7	75-125				
Cadmium	44.9		"	50.0	-0.011	89.8	75-125				
Selenium	51.9		"	50.0	3.98	95.8	75-125				
Thallium	50.4		"	50.0	0.015	101	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51257 - EPA 3015A											
Blank (BA51257-BLK1) Blank								Prepared & Analyzed: 01/22/2025			
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BA51257-BS1) LCS								Prepared & Analyzed: 01/22/2025			
Antimony - Dissolved	58.0		ug/L	50.0		116	80-120				
Arsenic - Dissolved	50.0		"	50.0		100	80-120				
Beryllium - Dissolved	52.5		"	50.0		105	80-120				
Cadmium - Dissolved	47.3		"	50.0		94.5	80-120				
Selenium - Dissolved	51.4		"	50.0		103	80-120				
Thallium - Dissolved	59.9		"	50.0		120	80-120				
Duplicate (BA51257-DUP1) Duplicate *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025			
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	
Selenium - Dissolved	5.40	1.11	"		4.58				16.4	20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BA51257-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025			
Antimony - Dissolved	50.6		ug/L	50.0	0.110	101	75-125				
Arsenic - Dissolved	48.9		"	50.0	0.343	97.2	75-125				
Beryllium - Dissolved	48.3		"	50.0	-0.034	96.6	75-125				
Cadmium - Dissolved	51.4		"	50.0	-0.016	103	75-125				
Selenium - Dissolved	54.1		"	50.0	4.12	100	75-125				
Thallium - Dissolved	57.2		"	50.0	0.003	114	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51245 - EPA SW846-7470A												
Blank (BA51245-BLK1)	Blank								Prepared & Analyzed: 01/22/2025			
Mercury		ND	0.0002	mg/L								
LCS (BA51245-BS1)	LCS								Prepared & Analyzed: 01/22/2025			
Mercury		0.0018679	0.0002	mg/L	0.00200		93.4	80-120				
Duplicate (BA51245-DUP1)	Duplicate	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BA51245-MS1)	Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Mercury		0.0021	0.0002	mg/L	0.00200	ND	107	75-125				
Matrix Spike Dup (BA51245-M	Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Mercury		0.0019	0.0002	mg/L	0.00200	ND	93.6	75-125		13.8	200	
Batch BA51248 - EPA SW846-7470A												
Blank (BA51248-BLK1)	Blank								Prepared & Analyzed: 01/22/2025			
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BA51248-BS1)	LCS								Prepared & Analyzed: 01/22/2025			
Mercury - Dissolved		0.0019	0.0002	mg/L	0.00200		94.8	80-120				
Duplicate (BA51248-DUP1)	Duplicate	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Mercury - Dissolved		ND	0.0002	mg/L		ND					20	
Matrix Spike (BA51248-MS1)	Matrix Spike	*Source sample: 25A1092-03 (MW-018_011725)							Prepared & Analyzed: 01/22/2025			
Mercury - Dissolved		0.0019	0.0002	mg/L	0.00200	ND	97.2	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51248 - EPA SW846-7470A											
Matrix Spike Dup (BA51248-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/22/2025		
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200	ND	96.8	75-125		0.450	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51064 - Analysis Preparation											
Blank (BA51064-BLK1) Blank								Prepared & Analyzed: 01/17/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA51064-BS1) LCS								Prepared & Analyzed: 01/17/2025			
Chromium, Hexavalent	0.450	0.0100	mg/L	0.500		90.0	85-115				
Duplicate (BA51064-DUP1) Duplicate *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/17/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA51064-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/17/2025			
Chromium, Hexavalent	0.378	0.0100	mg/L	0.500	ND	75.6	85-115	Low Bias			
Matrix Spike Dup (BA51064-M Matrix Spike Dup *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/17/2025			
Chromium, Hexavalent	0.357	0.0100	mg/L	0.500	ND	71.4	85-115	Low Bias	5.71	200	
Batch BA51210 - Analysis Preparation											
Blank (BA51210-BLK1) Blank								Prepared & Analyzed: 01/21/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BA51210-BS1) LCS								Prepared & Analyzed: 01/21/2025			
Cyanide, total	0.0819	0.0100	mg/L	0.100		81.9	80-120				
Duplicate (BA51210-DUP1) Duplicate *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/21/2025			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BA51210-MS1) Matrix Spike *Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/21/2025			
Cyanide, total	0.0746	0.0100	mg/L	0.100	ND	74.6	79-105	Low Bias			

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51210 - Analysis Preparation											
Matrix Spike Dup (BA51210-M Matrix Spike Dup	*Source sample: 25A1092-03 (MW-018_011725)								Prepared & Analyzed: 01/21/2025		
Cyanide, total	0.0715	0.0100	mg/L	0.100	ND	71.5	79-105	Low Bias	4.35	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A1092-01	MW-016_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1092-02	MW-017_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1092-03	MW-018_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1092-04	MW-019_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1092-05	GWDUP01_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1092-06	TB01_011725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.
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).
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
PFSu-L	The isotopically labeled surrogate recovered below 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-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
S-08	The recovery of this surrogate was outside of QC limits.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.

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

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25A1092

Page 1 of 1

Report To:	Invoice To:
Company: Langan	Company:
Address: 368 Nam Ave 8th Fl New York NY 10001	Address:
Phone.: 212-479-5400	Phone.:
Contact: Nick Palumbo	Contact:
E-mail: npalumbo@langan.com	E-mail:

YOUR Project Name / Number: 198-200 Conover St 170562203

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

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.

Samples Collected by: (print AND sign your name) Savannah Walters Sal Walter

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:	Part 375/TCL VOCs	SVOCs + PCBs, pest, herb.	Tal metals (total & dissolved)	Trivalent Cr (chrom. (incl. Hex Cr)	PFAS, 1,4-dioxane									Grab or Comp. G/C
MW-016-011725	1/17/25	1515	GW	9	3		2		1					X	X	X	X	X									
MW-017-011725	"	1045	"	9	3		2		1					X	X	X	X	X									
MW-018-011725-*	"	1100	"	27	9		6		3					X	X	X	X	X									
MW-019-011725	"	1530	"	9	3		2		1					X	X	X	X	X									
GWDUP01-011725	"	—	"	9	3		2		1					X	X	X	X	X	NA								
TB01-011725	"	—	"		2									X													

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 cc datamanagement@langan.com bjrose@langan.com

*MS/MSD

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
Savannah Walters Sal Walter	1/17/25 1614	[illegible]	1/17/25 1614	[illegible]	1/17/25 1750
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
A. Li	1/17/25 1750	A. Li	1/17/25 2000		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible] Navarro	1/17/25 2000 / 2.3 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

Report Date: 02/05/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A1721

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: 02/05/2025
Client Project ID: 170562203
York Project (SDG) No.: 25A1721

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Nick Palumbo

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 January 30, 2025 and listed below. The project was identified as your project: **170562203**.

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
25A1721-01	MW-020_013025	Ground Water	01/30/2025	01/30/2025
25A1721-02	GWFB01_013025	Water	01/30/2025	01/30/2025
25A1721-03	TB02_013025	Water	01/30/2025	01/30/2025

General Notes for York Project (SDG) No.: 25A1721

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  **Date:** 02/05/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE, QL-02	ug/L	0.421	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND	QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:27	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.9 %*	*79-122*

SVOA, 8270 LOW MASTER

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	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

SVOA, 8270 LOW MASTER

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
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.833	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/04/2025 07:59	02/05/2025 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

SVOA, 8270 SIM MASTER **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	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	QL-02	ug/L	0.556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.300**	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	QL-02	ug/L	0.0222	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	QL-02, CCVE, ICVE	ug/L	0.278	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

SVOA, 8270 SIM MASTER

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
87-86-5	Pentachlorophenol	ND	QL-02	ug/L	0.278	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND	QL-02	ug/L	0.0556	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:06	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	02/03/2025 08:35	02/03/2025 13:51	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*36.6-118*

PFAS, EPA 1633 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)**	**7.05**		ng/L	0.448	1.69	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**6.04**		ng/L	0.333	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.97**		ng/L	0.676	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.69**		ng/L	0.648	1.74	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**147**		ng/L	0.400	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**51.0**		ng/L	0.781	1.77	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**4.46**		ng/L	0.495	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.715	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.838	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.705	1.91	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:33	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

PFAS, EPA 1633 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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.657	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.753	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.981	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**8.46**		ng/L	0.219	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.838	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.867	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.15	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**35.9**		ng/L	0.314	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.476	3.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:33	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:33	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.238	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:33	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:33	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.724	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.667	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
919005-14-4	ADONA	ND		ng/L	0.505	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.886	1.85	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.819	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:33	AM

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

PFAS, EPA 1633 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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.76	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.98	23.8	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.02	23.8	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.80	19.1	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.80	19.1	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.91	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*120 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*126 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*133 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*85.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*25.5 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*109 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*150 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*80.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*216 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*94.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*91.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.7 %*		*25-150*

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

PEST, 8081 MASTER

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	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/31/2025 08:27	01/31/2025 13:52	scb
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*17.4 %*	S-GC, S-08	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.4 %*		*30-150*

PCB, 8082 MASTER

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	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/31/2025 08:27	01/31/2025 13:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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	02/04/2025 08:06	02/05/2025 09:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/04/2025 08:06	02/05/2025 09:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/04/2025 08:06	02/05/2025 09:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*112 %*		*30-150*						

Metals, Target Analyte, ICP

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	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0531**		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**101**	B	mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**31.5**		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.179**		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0379**		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**14.9**		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**30.5**		mg/L	0.556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

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	0.0556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0526**		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**97.9**		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**30.2**		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.175**		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0374**		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**14.3**	B	mg/L	0.0556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**29.2**		mg/L	0.556	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:31	02/04/2025 17:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.16**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

Metals, Target Analyte, ICPMS

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
7782-49-2	**Selenium**	**3.56**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.22**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.13**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/04/2025 08:23	02/04/2025 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	02/04/2025 08:00	02/04/2025 08:00	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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	02/04/2025 08:13	02/04/2025 08:13	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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		mg/L	0.0100	1	EPA 7196A	01/30/2025 21:03	01/30/2025 21:54	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-020_013025 **York Sample ID:** 25A1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Ground Water	January 30, 2025 9:30 am	01/30/2025

Chromium, Trivalent

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	02/05/2025 15:16	02/05/2025 15:23	SL
							Certifications:			

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-201(	01/31/2025 14:20	01/31/2025 19:51	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE, QL-02	ug/L	0.421	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.60**		ug/L	0.245	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**20.8**		ug/L	0.243	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

VOA, 8260 LOW MASTER **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	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND	QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/31/2025 11:48	01/31/2025 17:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.9 %*	*79-122*

SVOA, 8270 LOW MASTER

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	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

SVOA, 8270 LOW MASTER **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
95-48-7	2-Methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	6.25	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	6.25	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

SVOA, 8270 LOW MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.25	12.5	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.938	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270D	02/04/2025 07:59	02/05/2025 10:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*23.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.1 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

SVOA, 8270 SIM MASTER **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	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.21**	QL-02	ug/L	0.625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	QL-02	ug/L	0.0250	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE, QL-02	ug/L	0.312	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

SVOA, 8270 SIM MASTER

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
87-86-5	Pentachlorophenol	ND	QL-02	ug/L	0.312	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND	QL-02	ug/L	0.0625	1	EPA 8270D SIM	02/04/2025 07:59	02/05/2025 00:36	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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	02/03/2025 08:35	02/03/2025 14:06	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*36.6-118*

PFAS, EPA 1633 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	0.433	1.63	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.323	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.654	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.627	1.69	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.387	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.756	1.71	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.479	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.691	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.811	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.682	1.84	1	EPA 1633 Draft 3	02/03/2025 10:53	02/04/2025 18:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

PFAS, EPA 1633 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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.636	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.728	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.949	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.212	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.811	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.839	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.91	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.304	7.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.461	3.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:49	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.97	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:49	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.230	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:49	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.341	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	02/03/2025 10:53	02/04/2025 18:49	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.701	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.645	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
919005-14-4	ADONA	ND		ng/L	0.489	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.857	1.79	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.793	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	02/03/2025 10:53	02/04/2025 18:49	AM

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

PFAS, EPA 1633 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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.61	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.76	23.0	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.73	23.0	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.84	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.84	1	EPA 1633 Draft 3 Certifications:	02/03/2025 10:53	02/04/2025 18:49	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*93.2 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*140 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*101 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*1.14 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*21.5 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.2 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*131 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*91.4 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*126 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*118 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*98.9 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*88.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*88.3 %*		*25-150*

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

PEST, 8081 MASTER

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	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B	01/31/2025 08:27	01/31/2025 14:08	scb
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.6 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.6 %*		*30-150*

PCB, 8082 MASTER

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	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	01/31/2025 08:27	01/31/2025 14:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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	02/04/2025 08:06	02/05/2025 09:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/04/2025 08:06	02/05/2025 09:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/04/2025 08:06	02/05/2025 09:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

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
	Surrogate Recoveries	**Result**			**Acceptance Range**					
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*113 %*			*30-150*					

Metals, Target Analyte, ICP

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	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.173**	B	mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.163**		mg/L	0.0556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.683**		mg/L	0.556	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/04/2025 08:36	02/04/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: GWFB01_013025 **York Sample ID:** 25A1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:45 pm	01/30/2025

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.97**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**6.12**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**8.52**		ug/L	1.11	1	EPA 6020B	02/04/2025 08:18	02/04/2025 16:31	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	02/04/2025 08:00	02/04/2025 08:00	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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		mg/L	0.0100	1	EPA 7196A	01/30/2025 21:03	01/30/2025 21:54	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

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	02/05/2025 15:16	02/05/2025 15:23	SL
							Certifications:			

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-201(	02/03/2025 14:19	02/03/2025 21:51	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: TB02_013025 **York Sample ID:** 25A1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:55 pm	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE, QL-02	ug/L	0.421	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_013025 **York Sample ID:** 25A1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:55 pm	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB02_013025 **York Sample ID:** 25A1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:55 pm	01/30/2025

VOA, 8260 LOW MASTER

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	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_013025 **York Sample ID:** 25A1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A1721	170562203	Water	January 30, 2025 2:55 pm	01/30/2025

VOA, 8260 LOW MASTER

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
75-01-4	Vinyl Chloride	ND	QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/31/2025 11:48	01/31/2025 16:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	*79-122*

Analytical Batch Summary

Batch ID: BA51856 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	01/30/25
25A1721-02	GWFB01_013025	01/30/25
BA51856-BLK1	Blank	01/30/25
BA51856-BS1	LCS	01/30/25
BA51856-DUP1	Duplicate	01/30/25
BA51856-MS1	Matrix Spike	01/30/25
BA51856-MSD1	Matrix Spike Dup	01/30/25

Batch ID: BA51872 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	01/31/25
25A1721-01	MW-020_013025	01/31/25
25A1721-02	GWFB01_013025	01/31/25
25A1721-02	GWFB01_013025	01/31/25
BA51872-BLK1	Blank	01/31/25
BA51872-BLK2	Blank	01/31/25
BA51872-BS1	LCS	01/31/25
BA51872-BS2	LCS	01/31/25
BA51872-BSD1	LCS Dup	01/31/25
BA51872-BSD2	LCS Dup	01/31/25

Batch ID: BA51903 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	01/31/25
BA51903-BLK1	Blank	01/31/25
BA51903-BS1	LCS	01/31/25

Batch ID: BB50052 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/03/25
25A1721-02	GWFB01_013025	02/03/25
BB50052-BLK1	Blank	02/03/25
BB50052-BS1	LCS	02/03/25

Batch ID: BB50073 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/03/25
25A1721-02	GWFB01_013025	02/03/25
BB50073-BLK1	Blank	02/03/25

BB50073-BS1	LCS	02/03/25
BB50073-BS2	LCS	02/03/25

Batch ID: BB50080 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-02	GWFB01_013025	02/03/25
BB50080-BLK1	Blank	02/03/25
BB50080-BS1	LCS	02/03/25

Batch ID: BB50101 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	01/31/25
25A1721-02	GWFB01_013025	01/31/25
25A1721-03	TB02_013025	01/31/25
BB50101-BLK1	Blank	01/31/25
BB50101-BS1	LCS	01/31/25
BB50101-BSD1	LCS Dup	01/31/25

Batch ID: BB50129 **Preparation Method:** EPA 3510C **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
25A1721-02	GWFB01_013025	02/04/25
BB50129-BLK1	Blank	02/04/25
BB50129-BS1	LCS	02/04/25
BB50129-BS2	LCS	02/04/25
BB50129-BSD1	LCS Dup	02/04/25

Batch ID: BB50130 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
25A1721-02	GWFB01_013025	02/04/25
BB50130-BLK1	Blank	02/04/25
BB50130-BLK2	Blank	02/04/25
BB50130-BS1	LCS	02/04/25
BB50130-BS2	LCS	02/04/25

Batch ID: BB50135 **Preparation Method:** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
25A1721-02	GWFB01_013025	02/04/25
BB50135-BLK1	Blank	02/04/25
BB50135-BS1	LCS	02/04/25
BB50135-BSD1	LCS Dup	02/04/25

Batch ID: BB50139 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
BB50139-BLK1	Blank	02/04/25
BB50139-BLK2	Blank	02/04/25
BB50139-BS1	LCS	02/04/25
BB50139-BS2	LCS	02/04/25

Batch ID: BB50140 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
25A1721-02	GWFB01_013025	02/04/25
BB50140-BLK1	Blank	02/04/25
BB50140-BS1	LCS	02/04/25

Batch ID: BB50142 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
BB50142-BLK1	Blank	02/04/25
BB50142-BS1	LCS	02/04/25

Batch ID: BB50145 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
BB50145-BLK1	Blank	02/04/25
BB50145-BS1	LCS	02/04/25
BB50145-DUP1	Duplicate	02/04/25
BB50145-MS1	Matrix Spike	02/04/25
BB50145-PS1	Post Spike	02/04/25

Batch ID: BB50148 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/04/25
25A1721-02	GWFB01_013025	02/04/25
BB50148-BLK1	Blank	02/04/25
BB50148-BS1	LCS	02/04/25
BB50148-DUP1	Duplicate	02/04/25
BB50148-MS1	Matrix Spike	02/04/25
BB50148-PS1	Post Spike	02/04/25

Batch ID: BB50294 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A1721-01	MW-020_013025	02/05/25
25A1721-02	GWFB01_013025	02/05/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50101 - EPA 5030B											
Blank (BB50101-BLK1) Blank									Prepared & Analyzed: 01/31/2025		
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	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
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	0.500	"								
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50101 - EPA 5030B											
Blank (BB50101-BLK1) Blank								Prepared & Analyzed: 01/31/2025			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-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	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.21*		*"*	*10.0*		*92.1*	*79-122*				
LCS (BB50101-BS1) LCS								Prepared & Analyzed: 01/31/2025			
1,1,1,2-Tetrachloroethane	9.99		ug/L	10.0		99.9	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.13		"	10.0		91.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165				
1,1,2-Trichloroethane	8.61		"	10.0		86.1	82-123				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	7.07		"	10.0		70.7	76-136	Low Bias			
1,2,3-Trichloropropane	9.36		"	10.0		93.6	77-128				
1,2,4-Trichlorobenzene	7.63		"	10.0		76.3	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	45-147				
1,2-Dibromoethane	8.59		"	10.0		85.9	83-124				
1,2-Dichlorobenzene	9.87		"	10.0		98.7	79-123				
1,2-Dichloroethane	9.15		"	10.0		91.5	73-132				
1,2-Dichloropropane	9.80		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	152		"	210		72.5	10-349				
2-Butanone	4.46		"	10.0		44.6	49-152	Low Bias			
2-Hexanone	6.87		"	10.0		68.7	51-146				
4-Methyl-2-pentanone	6.28		"	10.0		62.8	57-145				
Acetone	8.38		"	10.0		83.8	14-150				
Acrolein	14.4		"	10.0		144	10-153				
Acrylonitrile	7.64		"	10.0		76.4	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	8.79		"	10.0		87.9	77-128				
Bromodichloromethane	9.40		"	10.0		94.0	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50101 - EPA 5030B											
LCS (BB50101-BS1) LCS							Prepared & Analyzed: 01/31/2025				
Bromoform	8.11		ug/L	10.0		81.1	78-133				
Bromomethane	7.98		"	10.0		79.8	43-168				
Carbon disulfide	9.73		"	10.0		97.3	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	7.81		"	10.0		78.1	65-136				
Chloroform	9.98		"	10.0		99.8	82-128				
Chloromethane	6.54		"	10.0		65.4	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131				
Cyclohexane	4.86		"	10.0		48.6	63-149	Low Bias			
Dibromochloromethane	8.79		"	10.0		87.9	80-130				
Dibromomethane	8.55		"	10.0		85.5	72-134				
Dichlorodifluoromethane	3.69		"	10.0		36.9	44-144	Low Bias			
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	9.02		"	10.0		90.2	67-146				
Isopropylbenzene	12.2		"	10.0		122	76-140				
Methyl acetate	5.41		"	10.0		54.1	51-139				
Methyl tert-butyl ether (MTBE)	7.86		"	10.0		78.6	76-135				
Methylcyclohexane	9.90		"	10.0		99.0	72-143				
Methylene chloride	9.17		"	10.0		91.7	55-137				
n-Butylbenzene	11.3		"	10.0		113	79-132				
n-Propylbenzene	12.1		"	10.0		121	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	22.5		"	20.0		113	77-133				
p-Isopropyltoluene	12.0		"	10.0		120	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	21.4		"	50.0		42.8	25-162				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	10.2		"	10.0		102	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.06		"	10.0		90.6	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	8.56		"	10.0		85.6	67-139				
Vinyl Chloride	6.50		"	10.0		65.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.65*		*"*	*10.0*		*86.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50101 - EPA 5030B											
LCS Dup (BB50101-BSD1) LCS Dup							Prepared & Analyzed: 01/31/2025				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		0.599	30	
1,1,1-Trichloroethane	9.65		"	10.0		96.5	78-136		5.44	30	
1,1,2,2-Tetrachloroethane	9.59		"	10.0		95.9	76-129		4.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.35		"	10.0		93.5	54-165		6.92	30	
1,1,2-Trichloroethane	9.69		"	10.0		96.9	82-123		11.8	30	
1,1-Dichloroethane	9.37		"	10.0		93.7	82-129		3.97	30	
1,1-Dichloroethylene	9.54		"	10.0		95.4	68-138		9.87	30	
1,2,3-Trichlorobenzene	8.89		"	10.0		88.9	76-136		22.8	30	
1,2,3-Trichloropropane	9.48		"	10.0		94.8	77-128		1.27	30	
1,2,4-Trichlorobenzene	8.74		"	10.0		87.4	76-137		13.6	30	
1,2,4-Trimethylbenzene	9.42		"	10.0		94.2	82-132		17.4	30	
1,2-Dibromo-3-chloropropane	9.84		"	10.0		98.4	45-147		10.1	30	
1,2-Dibromoethane	9.99		"	10.0		99.9	83-124		15.1	30	
1,2-Dichlorobenzene	9.42		"	10.0		94.2	79-123		4.67	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		11.0	30	
1,2-Dichloropropane	9.57		"	10.0		95.7	78-126		2.37	30	
1,3,5-Trimethylbenzene	9.56		"	10.0		95.6	80-131		20.1	30	
1,3-Dichlorobenzene	9.27		"	10.0		92.7	86-122		11.4	30	
1,4-Dichlorobenzene	9.16		"	10.0		91.6	85-124		10.1	30	
1,4-Dioxane	262		"	210		125	10-349		53.1	30	Non-dir.
2-Butanone	10.8		"	10.0		108	49-152		82.8	30	Non-dir.
2-Hexanone	9.67		"	10.0		96.7	51-146		33.9	30	Non-dir.
4-Methyl-2-pentanone	8.59		"	10.0		85.9	57-145		31.1	30	Non-dir.
Acetone	11.0		"	10.0		110	14-150		27.0	30	
Acrolein	17.2		"	10.0		172	10-153	High Bias	17.7	30	
Acrylonitrile	10.4		"	10.0		104	51-150		30.5	30	Non-dir.
Benzene	10.1		"	10.0		101	85-126		3.79	30	
Bromochloromethane	9.80		"	10.0		98.0	77-128		10.9	30	
Bromodichloromethane	9.57		"	10.0		95.7	79-128		1.79	30	
Bromoform	9.69		"	10.0		96.9	78-133		17.8	30	
Bromomethane	7.01		"	10.0		70.1	43-168		12.9	30	
Carbon disulfide	8.77		"	10.0		87.7	68-146		10.4	30	
Carbon tetrachloride	9.91		"	10.0		99.1	77-141		6.82	30	
Chlorobenzene	9.88		"	10.0		98.8	88-120		3.38	30	
Chloroethane	6.78		"	10.0		67.8	65-136		14.1	30	
Chloroform	10.0		"	10.0		100	82-128		0.599	30	
Chloromethane	5.83		"	10.0		58.3	43-155		11.5	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		1.28	30	
cis-1,3-Dichloropropylene	9.33		"	10.0		93.3	80-131		2.28	30	
Cyclohexane	4.58		"	10.0		45.8	63-149	Low Bias	5.93	30	
Dibromochloromethane	9.98		"	10.0		99.8	80-130		12.7	30	
Dibromomethane	9.46		"	10.0		94.6	72-134		10.1	30	
Dichlorodifluoromethane	3.30		"	10.0		33.0	44-144	Low Bias	11.2	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		9.66	30	
Hexachlorobutadiene	8.95		"	10.0		89.5	67-146		0.779	30	
Isopropylbenzene	9.32		"	10.0		93.2	76-140		26.5	30	
Methyl acetate	6.87		"	10.0		68.7	51-139		23.8	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		27.5	30	
Methylcyclohexane	8.95		"	10.0		89.5	72-143		10.1	30	
Methylene chloride	9.52		"	10.0		95.2	55-137		3.75	30	
n-Butylbenzene	9.66		"	10.0		96.6	79-132		15.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50101 - EPA 5030B											
LCS Dup (BB50101-BSD1) LCS Dup							Prepared & Analyzed: 01/31/2025				
n-Propylbenzene	9.54		ug/L	10.0		95.4	78-133		23.6	30	
o-Xylene	10.3		"	10.0		103	78-130		4.94	30	
p- & m- Xylenes	20.7		"	20.0		103	77-133		8.57	30	
p-Isopropyltoluene	9.76		"	10.0		97.6	81-136		20.8	30	
sec-Butylbenzene	9.33		"	10.0		93.3	79-137		23.2	30	
Styrene	10.9		"	10.0		109	67-132		0.00	30	
tert-Butyl alcohol (TBA)	46.1		"	50.0		92.2	25-162		73.3	30	Non-dir.
tert-Butylbenzene	8.21		"	10.0		82.1	77-138		21.7	30	
Tetrachloroethylene	9.08		"	10.0		90.8	82-131		11.3	30	
Toluene	9.81		"	10.0		98.1	80-127		9.51	30	
trans-1,2-Dichloroethylene	9.63		"	10.0		96.3	80-132		6.43	30	
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131		9.26	30	
Trichloroethylene	9.30		"	10.0		93.0	82-128		11.8	30	
Trichlorofluoromethane	7.79		"	10.0		77.9	67-139		9.42	30	
Vinyl Chloride	5.68		"	10.0		56.8	58-145	Low Bias	13.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
Blank (BB50129-BLK1) Blank									Prepared & Analyzed: 02/04/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
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	"								
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	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
Blank (BB50129-BLK1) Blank									Prepared & Analyzed: 02/04/2025		
Dibenzofuran	ND	5.00	ug/L								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.4*		"	*50.0*		*34.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.54*		"	*50.0*		*19.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.5*		"	*25.0*		*58.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		"	*25.0*		*53.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*34.1*		"	*50.0*		*68.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.3*		"	*25.0*		*61.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
LCS (BB50129-BS1) LCS							Prepared & Analyzed: 02/04/2025				
1,1-Biphenyl	7.44	5.00	ug/L	25.0		29.8	33-95	Low Bias			
1,2,4,5-Tetrachlorobenzene	6.46	5.00	"	25.0		25.8	26-120	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	8.32	5.00	"	25.0		33.3	16-141				
2,3,4,6-Tetrachlorophenol	11.3	5.00	"	25.0		45.1	30-130				
2,4,5-Trichlorophenol	9.18	5.00	"	25.0		36.7	32-114				
2,4,6-Trichlorophenol	8.82	5.00	"	25.0		35.3	35-118				
2,4-Dichlorophenol	8.60	5.00	"	25.0		34.4	25-116				
2,4-Dimethylphenol	9.28	5.00	"	25.0		37.1	15-116				
2,4-Dinitrophenol	10.1	5.00	"	25.0		40.4	10-170				
2,4-Dinitrotoluene	8.72	5.00	"	25.0		34.9	41-128	Low Bias			
2,6-Dinitrotoluene	8.37	5.00	"	25.0		33.5	45-116	Low Bias			
2-Chloronaphthalene	6.87	5.00	"	25.0		27.5	33-112	Low Bias			
2-Chlorophenol	7.35	5.00	"	25.0		29.4	15-120				
2-Methylnaphthalene	6.31	5.00	"	25.0		25.2	24-118				
2-Methylphenol	7.00	5.00	"	25.0		28.0	10-110				
2-Nitroaniline	8.89	5.00	"	25.0		35.6	34-129				
2-Nitrophenol	8.24	5.00	"	25.0		33.0	28-118				
3- & 4-Methylphenols	5.44	5.00	"	25.0		21.8	10-107				
3,3-Dichlorobenzidine	6.85	5.00	"	25.0		27.4	15-187				
3-Nitroaniline	8.75	5.00	"	25.0		35.0	24-134				
4,6-Dinitro-2-methylphenol	8.53	5.00	"	25.0		34.1	10-153				
4-Bromophenyl phenyl ether	8.53	5.00	"	25.0		34.1	34-120				
4-Chloro-3-methylphenol	9.60	5.00	"	25.0		38.4	20-120				
4-Chloroaniline	8.69	5.00	"	25.0		34.8	10-147				
4-Chlorophenyl phenyl ether	7.86	5.00	"	25.0		31.4	27-121				
4-Nitroaniline	8.69	5.00	"	25.0		34.8	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	6.98	5.00	"	25.0		27.9	25-110				
Aniline	4.05	5.00	"	25.0		16.2	10-117				
Benzaldehyde	7.67	5.00	"	25.0		30.7	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.51	5.00	"	25.0		26.0	10-117				
Benzyl butyl phthalate	7.99	5.00	"	25.0		32.0	29-133				
Bis(2-chloroethoxy)methane	8.57	5.00	"	25.0		34.3	10-154				
Bis(2-chloroethyl)ether	7.10	5.00	"	25.0		28.4	17-125				
Bis(2-chloroisopropyl)ether	7.55	5.00	"	25.0		30.2	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	9.02	5.00	"	25.0		36.1	42-126	Low Bias			
Dibenzofuran	7.95	5.00	"	25.0		31.8	36-113	Low Bias			
Diethyl phthalate	8.82	5.00	"	25.0		35.3	38-115	Low Bias			
Dimethyl phthalate	8.81	5.00	"	25.0		35.2	38-129	Low Bias			
Di-n-butyl phthalate	9.00	5.00	"	25.0		36.0	31-120				
Di-n-octyl phthalate	8.30	5.00	"	25.0		33.2	21-149				
Diphenylamine	8.64	5.00	"	25.0		34.6	40-140	Low Bias			
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	9.05	5.00	"	25.0		36.2	25-127				
N-nitroso-di-n-propylamine	7.93	5.00	"	25.0		31.7	26-122				
N-Nitrosodiphenylamine	8.80	5.00	"	25.0		35.2	23-149				
Phenol	3.01	5.00	"	25.0		12.0	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*9.12*		*"*	*50.0*		*18.2*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
LCS (BB50129-BS1) LCS								Prepared & Analyzed: 02/04/2025			
Surrogate: SURR: Phenol-d6	*5.43*		*ug/L*	*50.0*		*10.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*7.98*		*"*	*25.0*		*31.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*7.22*		*"*	*25.0*		*28.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*19.0*		*"*	*50.0*		*38.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*8.17*		*"*	*25.0*		*32.7*	*30.7-106*				
LCS (BB50129-BS2) LCS								Prepared: 02/04/2025 Analyzed: 02/05/2025			
Acenaphthene	ND	0.0500	ug/L	1.00			25-116	Low Bias			
Acenaphthylene	ND	0.0500	"	1.00			26-116	Low Bias			
Anthracene	ND	0.0500	"	1.00			25-123	Low Bias			
Benzo(a)anthracene	ND	0.0500	"	1.00			33-125	Low Bias			
Benzo(a)pyrene	ND	0.0500	"	1.00			32-132	Low Bias			
Benzo(b)fluoranthene	ND	0.0500	"	1.00			22-137	Low Bias			
Benzo(g,h,i)perylene	ND	0.0500	"	1.00			10-138	Low Bias			
Benzo(k)fluoranthene	ND	0.0500	"	1.00			20-137	Low Bias			
Bis(2-ethylhexyl)phthalate	ND	0.500	"	1.00			10-189	Low Bias			
Chrysene	ND	0.0500	"	1.00			32-124	Low Bias			
Dibenzo(a,h)anthracene	ND	0.0500	"	1.00			16-133	Low Bias			
Fluoranthene	ND	0.0500	"	1.00			32-121	Low Bias			
Fluorene	ND	0.0500	"	1.00			28-118	Low Bias			
Hexachlorobenzene	ND	0.0200	"	1.00			23-124	Low Bias			
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	ND	0.0500	"	1.00			15-135	Low Bias			
Naphthalene	ND	0.0500	"	1.00			18-120	Low Bias			
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	ND	0.0500	"	1.00			24-127	Low Bias			
Pyrene	ND	0.0500	"	1.00			31-132	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
LCS Dup (BB50129-BSD1) LCS Dup							Prepared & Analyzed: 02/04/2025				
1,1-Biphenyl	16.5	5.00	ug/L	25.0		66.1	33-95		75.8	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	14.7	5.00	"	25.0		59.0	26-120		78.1	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	17.8	5.00	"	25.0		71.2	16-141		72.6	20	Non-dir.
2,3,4,6-Tetrachlorophenol	23.8	5.00	"	25.0		95.2	30-130		71.4	20	Non-dir.
2,4,5-Trichlorophenol	20.6	5.00	"	25.0		82.5	32-114		76.8	20	Non-dir.
2,4,6-Trichlorophenol	19.4	5.00	"	25.0		77.4	35-118		74.8	20	Non-dir.
2,4-Dichlorophenol	19.0	5.00	"	25.0		76.0	25-116		75.4	20	Non-dir.
2,4-Dimethylphenol	19.5	5.00	"	25.0		77.8	15-116		70.8	20	Non-dir.
2,4-Dinitrophenol	22.1	5.00	"	25.0		88.5	10-170		74.7	20	Non-dir.
2,4-Dinitrotoluene	19.2	5.00	"	25.0		76.9	41-128		75.2	20	Non-dir.
2,6-Dinitrotoluene	18.6	5.00	"	25.0		74.6	45-116		76.0	20	Non-dir.
2-Chloronaphthalene	15.8	5.00	"	25.0		63.1	33-112		78.7	20	Non-dir.
2-Chlorophenol	15.7	5.00	"	25.0		62.6	15-120		72.2	20	Non-dir.
2-Methylnaphthalene	14.4	5.00	"	25.0		57.5	24-118		77.9	20	Non-dir.
2-Methylphenol	14.2	5.00	"	25.0		56.8	10-110		68.0	20	Non-dir.
2-Nitroaniline	19.4	5.00	"	25.0		77.6	34-129		74.3	20	Non-dir.
2-Nitrophenol	17.7	5.00	"	25.0		70.7	28-118		72.8	20	Non-dir.
3- & 4-Methylphenols	11.4	5.00	"	25.0		45.7	10-107		71.0	20	Non-dir.
3,3-Dichlorobenzidine	15.2	5.00	"	25.0		60.8	15-187		75.7	20	Non-dir.
3-Nitroaniline	17.4	5.00	"	25.0		69.7	24-134		66.3	20	Non-dir.
4,6-Dinitro-2-methylphenol	18.8	5.00	"	25.0		75.3	10-153		75.2	20	Non-dir.
4-Bromophenyl phenyl ether	17.8	5.00	"	25.0		71.4	34-120		70.7	20	Non-dir.
4-Chloro-3-methylphenol	19.9	5.00	"	25.0		79.5	20-120		69.7	20	Non-dir.
4-Chloroaniline	15.5	5.00	"	25.0		62.2	10-147		56.5	20	Non-dir.
4-Chlorophenyl phenyl ether	17.0	5.00	"	25.0		68.0	27-121		73.5	20	Non-dir.
4-Nitroaniline	18.7	5.00	"	25.0		74.7	13-134		73.0	20	Non-dir.
4-Nitrophenol	8.41	5.00	"	25.0		33.6	10-131		65.5	20	Non-dir.
Acetophenone	15.3	5.00	"	25.0		61.2	25-110		74.6	20	Non-dir.
Aniline	8.46	5.00	"	25.0		33.8	10-117		70.5	20	Non-dir.
Benzaldehyde	16.9	5.00	"	25.0		67.5	29-117		75.0	20	Non-dir.
Benzoic acid	5.18	5.00	"	25.0		20.7	30-130	Low Bias	93.5	20	Non-dir.
Benzyl alcohol	12.6	5.00	"	25.0		50.2	10-117		63.5	20	Non-dir.
Benzyl butyl phthalate	17.6	5.00	"	25.0		70.6	29-133		75.4	20	Non-dir.
Bis(2-chloroethoxy)methane	18.1	5.00	"	25.0		72.6	10-154		71.7	20	Non-dir.
Bis(2-chloroethyl)ether	16.2	5.00	"	25.0		64.6	17-125		77.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	17.2	5.00	"	25.0		68.8	10-139		78.0	20	Non-dir.
Caprolactam	3.78	5.00	"	25.0		15.1	10-137		57.6	20	Non-dir.
Carbazole	19.0	5.00	"	25.0		75.9	42-126		71.1	20	Non-dir.
Dibenzofuran	17.2	5.00	"	25.0		69.0	36-113		73.8	20	Non-dir.
Diethyl phthalate	19.4	5.00	"	25.0		77.5	38-115		74.9	20	Non-dir.
Dimethyl phthalate	19.1	5.00	"	25.0		76.3	38-129		73.6	20	Non-dir.
Di-n-butyl phthalate	19.2	5.00	"	25.0		76.7	31-120		72.2	20	Non-dir.
Di-n-octyl phthalate	18.6	5.00	"	25.0		74.5	21-149		76.7	20	Non-dir.
Diphenylamine	18.2	5.00	"	25.0		73.0	40-140		71.4	20	Non-dir.
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	18.8	5.00	"	25.0		75.3	25-127		70.1	20	Non-dir.
N-nitroso-di-n-propylamine	17.1	5.00	"	25.0		68.4	26-122		73.2	20	Non-dir.
N-Nitrosodiphenylamine	18.4	5.00	"	25.0		73.8	23-149		70.8	20	Non-dir.
Phenol	6.35	5.00	"	25.0		25.4	10-110		71.4	20	Non-dir.
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*20.0*		*"*	*50.0*		*40.1*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

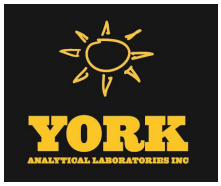
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50129 - EPA 3510C											
LCS Dup (BB50129-BSD1) LCS Dup								Prepared & Analyzed: 02/04/2025			
Surrogate: SURR: Phenol-d6	*11.3*		*ug/L*	*50.0*		*22.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.9*		*"*	*25.0*		*67.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.2*		*"*	*25.0*		*64.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.8*		*"*	*50.0*		*79.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.8*		*"*	*25.0*		*71.1*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50052 - EPA 3535A											
Blank (BB50052-BLK1) Blank							Prepared & Analyzed: 02/03/2025				
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.32*		*"*	*4.00*		*108*	*36.6-118*				
LCS (BB50052-BS1) LCS							Prepared & Analyzed: 02/03/2025				
1,4-Dioxane	4.10	0.300	ug/L	4.00		102	50-130				
Surrogate: 1,4-Dioxane-d8	*7.36*		*"*	*8.00*		*92.0*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50073 - EPA 1633 Prep											
Blank (BB50073-BLK1) Blank									Prepared: 02/03/2025 Analyzed: 02/04/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	2.12	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.40	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.40	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.20	"								
Perfluorooctanoic acid (PFOA)	ND	2.40	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.23	"								
Perfluorononanoic acid (PFNA)	ND	2.40	"								
Perfluorodecanoic acid (PFDA)	ND	2.40	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.40	"								
Perfluorododecanoic acid (PFDoA)	ND	2.40	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.40	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.40	"								
N-MeFOSAA	ND	2.40	"								
N-EtFOSAA	ND	2.40	"								
Perfluoropentanoic acid (PFPeA)	ND	4.80	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.40	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.29	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.32	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	9.12	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	9.22	"								
Perfluoro-n-butanoic acid (PFBA)	ND	9.60	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.27	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.80	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.80	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.80	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.26	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	9.00	"								
HFPO-DA (Gen-X)	ND	9.60	"								
11CL-PF3OUdS	ND	9.07	"								
9CL-PF3ONS	ND	8.98	"								
ADONA	ND	9.07	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.33	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.30	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	6.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	30.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	30.0	"								
N-MeFOSE	ND	24.0	"								
N-MeFOSA	ND	2.40	"								
N-EtFOSE	ND	24.0	"								
N-EtFOSA	ND	2.40	"								
Surrogate: M3PFBS	*26.9*		*"*	*23.3*		*115*	*25-150*				
Surrogate: M5PFHxA	*27.6*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M3PFHxS	*28.4*		*"*	*23.7*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.0*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M6PFDA	*15.4*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*13.3*		*"*	*12.5*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.8*		*"*	*12.5*		*86.1*	*25-150*				
Surrogate: M2PFTeDA	*11.3*		*"*	*12.5*		*90.5*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50073 - EPA 1633 Prep											
Blank (BB50073-BLK1) Blank								Prepared: 02/03/2025 Analyzed: 02/04/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.54*		*ng/L*	*100*		*7.54*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.7*		*"*	*50.0*		*57.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.8*		*"*	*25.0*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.8*		*"*	*50.0*		*95.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.3*		*"*	*50.0*		*98.5*	*25-150*				
Surrogate: M2-6:2 FTS	*51.6*		*"*	*47.6*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*35.8*		*"*	*48.0*		*74.6*	*25-200*				
Surrogate: M9PFNA	*12.8*		*"*	*12.5*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*49.0*		*"*	*46.9*		*104*	*25-150*				
Surrogate: d-N-MeFOSA	*26.1*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M3HFPO-DA	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*100*		*"*	*250*		*40.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*138*		*"*	*250*		*55.3*	*25-150*				
LCS (BB50073-BS1) LCS								Prepared: 02/03/2025 Analyzed: 02/04/2025			
Perfluorobutanesulfonic acid (PFBS)	37.6	1.77	ng/L	35.4		106	50-150				
Perfluorohexanoic acid (PFHxA)	40.9	2.00	"	40.0		102	50-150				
Perfluoroheptanoic acid (PFHpA)	45.1	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.2	1.83	"	36.6		105	50-150				
Perfluorooctanoic acid (PFOA)	41.8	2.00	"	40.0		105	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.6	1.86	"	37.2		92.9	50-150				
Perfluorononanoic acid (PFNA)	41.2	2.00	"	40.0		103	50-150				
Perfluorodecanoic acid (PFDA)	42.8	2.00	"	40.0		107	50-150				
Perfluoroundecanoic acid (PFUnA)	33.9	2.00	"	40.0		84.8	50-150				
Perfluorododecanoic acid (PFDoA)	45.2	2.00	"	40.0		113	50-150				
Perfluorotridecanoic acid (PFTrDA)	55.9	2.00	"	40.0		140	50-150				
Perfluorotetradecanoic acid (PFTA)	39.3	2.00	"	40.0		98.1	50-150				
N-MeFOSAA	39.8	2.00	"	40.0		99.4	50-150				
N-EtFOSAA	38.3	2.00	"	40.0		95.7	50-150				
Perfluoropentanoic acid (PFPeA)	91.1	4.00	"	80.0		114	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.1	2.00	"	40.0		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.8	1.91	"	38.2		91.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	30.7	1.93	"	38.6		79.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	150	7.60	"	152		98.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	155	7.68	"	154		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	149	8.00	"	160		93.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	77.6	3.56	"	71.2		109	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	74.5	4.00	"	80.0		93.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	20.2	4.00	"	80.0		25.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	127	4.00	"	80.0		159	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	39.9	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	148	7.50	"	150		98.4	50-150				
HFPO-DA (Gen-X)	80.3	8.00	"	80.0		100	50-150				
11CL-PF3OUdS	80.4	7.56	"	75.6		106	50-150				
9CL-PF3ONS	84.3	7.48	"	74.8		113	50-150				
ADONA	92.4	7.56	"	75.6		122	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50073 - EPA 1633 Prep											
LCS (BB50073-BS1) LCS								Prepared: 02/03/2025 Analyzed: 02/04/2025			
Perfluorododecanesulfonic acid (PFDoS)	29.3	1.94	ng/L	38.8		75.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	39.4	1.92	"	38.4		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	97.5	5.00	"	160		61.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	812	25.0	"	800		101	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	818	25.0	"	800		102	50-150				
N-MeFOSE	466	20.0	"	400		117	50-150				
N-MeFOSA	43.1	2.00	"	40.0		108	50-150				
N-EtFOSE	376	20.0	"	400		94.0	50-150				
N-EtFOSA	42.5	2.00	"	40.0		106	50-150				
Surrogate: M3PFBS	*26.6*		"	*23.3*		*114*	*25-150*				
Surrogate: M5PFHxA	*29.0*		"	*25.0*		*116*	*25-150*				
Surrogate: M4PFHpA	*28.9*		"	*25.0*		*115*	*25-150*				
Surrogate: M3PFHxS	*30.4*		"	*23.7*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.9*		"	*25.0*		*120*	*25-150*				
Surrogate: M6PFDA	*14.2*		"	*12.5*		*113*	*25-150*				
Surrogate: M7PFUdA	*14.9*		"	*12.5*		*119*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.1*		"	*12.5*		*105*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		"	*12.5*		*81.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.96*		"	*100*		*5.96*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.4*		"	*24.0*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.2*		"	*50.0*		*56.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		"	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.5*		"	*50.0*		*95.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*46.3*		"	*50.0*		*92.5*	*25-150*				
Surrogate: M2-6:2 FTS	*57.4*		"	*47.6*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*49.8*		"	*48.0*		*104*	*25-200*				
Surrogate: M9PFNA	*15.4*		"	*12.5*		*123*	*25-150*				
Surrogate: M2-4:2 FTS	*56.6*		"	*46.9*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*16.6*		"	*25.0*		*66.5*	*25-150*				
Surrogate: d-N-EtFOSA	*22.7*		"	*25.0*		*90.7*	*25-150*				
Surrogate: M3HFPO-DA	*130*		"	*100*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*222*		"	*250*		*89.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*221*		"	*250*		*88.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50073 - EPA 1633 Prep											
LCS (BB50073-BS2) LCS								Prepared: 02/03/2025 Analyzed: 02/04/2025			
Perfluorobutanesulfonic acid (PFBS)	3.81	1.77	ng/L	3.54		108	50-150				
Perfluorohexanoic acid (PFHxA)	4.08	2.00	"	4.00		102	50-150				
Perfluoroheptanoic acid (PFHpA)	4.92	2.00	"	4.00		123	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.30	1.83	"	3.66		117	50-150				
Perfluorooctanoic acid (PFOA)	4.62	2.00	"	4.00		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.91	1.86	"	3.72		105	50-150				
Perfluorononanoic acid (PFNA)	5.07	2.00	"	4.00		127	50-150				
Perfluorodecanoic acid (PFDA)	4.18	2.00	"	4.00		105	50-150				
Perfluoroundecanoic acid (PFUnA)	4.10	2.00	"	4.00		102	50-150				
Perfluorododecanoic acid (PFDoA)	4.56	2.00	"	4.00		114	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.20	2.00	"	4.00		105	50-150				
Perfluorotetradecanoic acid (PFTA)	4.32	2.00	"	4.00		108	50-150				
N-MeFOSAA	4.10	2.00	"	4.00		102	50-150				
N-EtFOSAA	3.81	2.00	"	4.00		95.2	50-150				
Perfluoropentanoic acid (PFPeA)	8.89	4.00	"	8.00		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.81	2.00	"	4.00		120	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.09	1.91	"	3.82		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.74	1.93	"	3.86		96.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.7	7.60	"	15.2		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.6	7.68	"	15.4		114	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.8	8.00	"	16.0		92.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.97	3.56	"	7.12		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.32	4.00	"	8.00		91.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.98	4.00	"	8.00		24.7	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	13.2	4.00	"	8.00		165	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	4.34	1.88	"	3.76		116	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	17.3	7.50	"	15.0		115	50-150				
HFPO-DA (Gen-X)	9.52	8.00	"	8.00		119	50-150				
11CL-PF3OUdS	8.27	7.56	"	7.56		109	50-150				
9CL-PF3ONS	8.66	7.48	"	7.48		116	50-150				
ADONA	9.81	7.56	"	7.56		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.49	1.94	"	3.88		89.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.13	1.92	"	3.84		108	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.77	5.00	"	16.0		61.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	78.6	25.0	"	80.0		98.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	79.3	25.0	"	80.0		99.1	50-150				
N-MeFOSE	49.3	20.0	"	40.0		123	50-150				
N-MeFOSA	4.92	2.00	"	4.00		123	50-150				
N-EtFOSE	38.8	20.0	"	40.0		97.0	50-150				
N-EtFOSA	3.67	2.00	"	4.00		91.7	50-150				
Surrogate: M3PFBS	*32.1*		*"*	*23.3*		*138*	*25-150*				
Surrogate: M5PFHxA	*29.9*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*29.4*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M3PFHxS	*34.9*		*"*	*23.7*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.8*		*"*	*25.0*		*127*	*25-150*				
Surrogate: M6PFDA	*15.5*		*"*	*12.5*		*124*	*25-150*				
Surrogate: M7PFUdA	*14.8*		*"*	*12.5*		*118*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*14.3*		*"*	*12.5*		*115*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50073 - EPA 1633 Prep											
LCS (BB50073-BS2) LCS									Prepared: 02/03/2025 Analyzed: 02/04/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.02*		*ng/L*	*100*		*6.02*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.7*		*"*	*24.0*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.6*		*"*	*50.0*		*57.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.8*		*"*	*25.0*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.7*		*"*	*50.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.7*		*"*	*50.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*61.0*		*"*	*47.6*		*128*	*25-200*				
Surrogate: M2-8:2 FTS	*45.5*		*"*	*48.0*		*94.8*	*25-200*				
Surrogate: M9PFNA	*14.9*		*"*	*12.5*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*60.6*		*"*	*46.9*		*129*	*25-150*				
Surrogate: d-N-MeFOSA	*32.6*		*"*	*25.0*		*131*	*25-150*				
Surrogate: d-N-EtFOSA	*34.6*		*"*	*25.0*		*138*	*25-150*				
Surrogate: M3HFPO-DA	*130*		*"*	*100*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*245*		*"*	*250*		*97.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*260*		*"*	*250*		*104*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51872 - EPA SW846-3510C Low Level											
Blank (BA51872-BLK1) Blank								Prepared & Analyzed: 01/31/2025			
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	*0.0967*		*"*	*0.200*		*48.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0668*		*"*	*0.200*		*33.4*	*30-150*				
LCS (BA51872-BS1) LCS								Prepared & Analyzed: 01/31/2025			
4,4'-DDD	0.0576	0.00400	ug/L	0.100		57.6	40-140			20	
4,4'-DDE	0.0551	0.00400	"	0.100		55.1	40-140			20	
4,4'-DDT	0.0623	0.00400	"	0.100		62.3	40-140			20	
Aldrin	0.0427	0.00400	"	0.100		42.7	40-140			20	
alpha-BHC	0.0497	0.00400	"	0.100		49.7	40-140			20	
alpha-Chlordane	0.0509	0.00400	"	0.100		50.9	40-140			20	
beta-BHC	0.0584	0.00400	"	0.100		58.4	40-140			20	
delta-BHC	0.0532	0.00400	"	0.100		53.2	40-140			20	
Dieldrin	0.0539	0.00200	"	0.100		53.9	40-140			20	
Endosulfan I	0.0551	0.00400	"	0.100		55.1	40-140			20	
Endosulfan II	0.0609	0.00400	"	0.100		60.9	40-140			20	
Endosulfan sulfate	0.0616	0.00400	"	0.100		61.6	40-140			20	
Endrin	0.0600	0.00400	"	0.100		60.0	40-140			20	
Endrin aldehyde	0.0665	0.0100	"	0.100		66.5	40-140			20	
Endrin ketone	0.0666	0.0100	"	0.100		66.6	40-140			20	
gamma-BHC (Lindane)	0.0528	0.00400	"	0.100		52.8	40-140			20	
gamma-Chlordane	0.0507	0.0100	"	0.100		50.7	40-140			20	
Heptachlor	0.0472	0.00400	"	0.100		47.2	40-140			20	
Heptachlor epoxide	0.0526	0.00400	"	0.100		52.6	40-140			20	
Methoxychlor	0.0699	0.00400	"	0.100		69.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0710*		*"*	*0.200*		*35.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0606*		*"*	*0.200*		*30.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51872 - EPA SW846-3510C Low Level											
LCS Dup (BA51872-BSD1) LCS Dup								Prepared & Analyzed: 01/31/2025			
4,4'-DDD	0.0567	0.00400	ug/L	0.100		56.7	40-140		1.66	20	
4,4'-DDE	0.0555	0.00400	"	0.100		55.5	40-140		0.843	20	
4,4'-DDT	0.0616	0.00400	"	0.100		61.6	40-140		0.999	20	
Aldrin	0.0455	0.00400	"	0.100		45.5	40-140		6.27	20	
alpha-BHC	0.0507	0.00400	"	0.100		50.7	40-140		2.00	20	
alpha-Chlordane	0.0508	0.00400	"	0.100		50.8	40-140		0.305	20	
beta-BHC	0.0605	0.00400	"	0.100		60.5	40-140		3.48	20	
delta-BHC	0.0526	0.00400	"	0.100		52.6	40-140		1.06	20	
Dieldrin	0.0557	0.00200	"	0.100		55.7	40-140		3.28	20	
Endosulfan I	0.0555	0.00400	"	0.100		55.5	40-140		0.872	20	
Endosulfan II	0.0617	0.00400	"	0.100		61.7	40-140		1.24	20	
Endosulfan sulfate	0.0598	0.00400	"	0.100		59.8	40-140		3.01	20	
Endrin	0.0591	0.00400	"	0.100		59.1	40-140		1.54	20	
Endrin aldehyde	0.0636	0.0100	"	0.100		63.6	40-140		4.55	20	
Endrin ketone	0.0665	0.0100	"	0.100		66.5	40-140		0.186	20	
gamma-BHC (Lindane)	0.0533	0.00400	"	0.100		53.3	40-140		0.949	20	
gamma-Chlordane	0.0511	0.0100	"	0.100		51.1	40-140		0.854	20	
Heptachlor	0.0508	0.00400	"	0.100		50.8	40-140		7.37	20	
Heptachlor epoxide	0.0533	0.00400	"	0.100		53.3	40-140		1.31	20	
Methoxychlor	0.0694	0.00400	"	0.100		69.4	40-140		0.718	20	
Surrogate: Decachlorobiphenyl	*0.0581*		*"*	*0.200*		*29.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0610*		*"*	*0.200*		*30.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51872 - EPA SW846-3510C Low Level											
Blank (BA51872-BLK2) Blank								Prepared & Analyzed: 01/31/2025			
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	*0.0920*		*"*	*0.200*		*46.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.115*		*"*	*0.200*		*57.5*	*30-120*				
LCS (BA51872-BS2) LCS								Prepared & Analyzed: 01/31/2025			
Aroclor 1016	0.651	0.0500	ug/L	1.00		65.1	40-120				
Aroclor 1260	0.753	0.0500	"	1.00		75.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0890*		*"*	*0.200*		*44.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.200*		*58.0*	*30-120*				
LCS Dup (BA51872-BSD2) LCS Dup								Prepared & Analyzed: 01/31/2025			
Aroclor 1016	0.554	0.0500	ug/L	1.00		55.4	40-120		16.1	30	
Aroclor 1260	0.703	0.0500	"	1.00		70.3	40-120		6.95	30	
Surrogate: Tetrachloro-m-xylene	*0.0730*		*"*	*0.200*		*36.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.109*		*"*	*0.200*		*54.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50135 - EPA 8151A											
Blank (BB50135-BLK1) Blank									Prepared: 02/04/2025 Analyzed: 02/05/2025		
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)	*115*		*"*	*125*		*92.2*	*30-150*				
LCS (BB50135-BS1) LCS									Prepared: 02/04/2025 Analyzed: 02/05/2025		
2,4,5-T	22.0	5.00	ug/L	20.0		110	10-140				
2,4,5-TP (Silvex)	24.2	5.00	"	20.0		121	10-139				
2,4-D	21.2	5.00	"	20.0		106	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*146*		*"*	*125*		*117*	*30-150*				
LCS Dup (BB50135-BSD1) LCS Dup									Prepared: 02/04/2025 Analyzed: 02/05/2025		
2,4,5-T	24.0	5.00	ug/L	20.0		120	10-140		8.70	30	
2,4,5-TP (Silvex)	24.5	5.00	"	20.0		122	10-139		1.03	30	
2,4-D	21.5	5.00	"	20.0		108	10-140		1.17	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*144*		*"*	*125*		*115*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50145 - EPA 3015A											
Blank (BB50145-BLK1) Blank									Prepared & Analyzed: 02/04/2025		
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.144	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BB50145-BS1) LCS									Prepared & Analyzed: 02/04/2025		
Aluminum - Dissolved	1.79		ug/mL	2.00		89.7	80-120				
Barium - Dissolved	1.94		"	2.00		97.2	80-120				
Calcium - Dissolved	1.01		"	1.00		101	80-120				
Chromium - Dissolved	0.188		"	0.200		93.9	80-120				
Cobalt - Dissolved	0.478		"	0.500		95.6	80-120				
Copper - Dissolved	0.254		"	0.250		102	80-120				
Iron - Dissolved	0.968		"	1.00		96.8	80-120				
Lead - Dissolved	0.466		"	0.500		93.2	80-120				
Magnesium - Dissolved	0.903		"	1.00		90.3	80-120				
Manganese - Dissolved	0.473		"	0.500		94.5	80-120				
Nickel - Dissolved	0.490		"	0.500		98.1	80-120				
Potassium - Dissolved	1.03		"	1.00		103	80-120				
Silver - Dissolved	0.0434		"	0.0500		86.8	80-120				
Sodium - Dissolved	1.01		"	1.00		101	80-120				
Vanadium - Dissolved	0.469		"	0.500		93.7	80-120				
Zinc - Dissolved	0.464		"	0.500		92.8	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50145 - EPA 3015A											
Duplicate (BB50145-DUP1) Duplicate	*Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 02/04/2025		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0521	0.0278	"		0.0526				0.849	20	
Calcium - Dissolved	98.3	0.0556	"		97.9				0.431	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	30.3	0.0556	"		30.2				0.487	20	
Manganese - Dissolved	0.176	0.00556	"		0.175				0.507	20	
Nickel - Dissolved	0.0380	0.0111	"		0.0374				1.47	20	
Potassium - Dissolved	14.4	0.0556	"		14.3				0.866	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	29.5	0.556	"		29.2				1.11	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BB50145-MS1) Matrix Spike	*Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 02/04/2025		
Aluminum - Dissolved	2.04	0.0556	mg/L	2.22	ND	91.9	75-125				
Barium - Dissolved	2.11	0.0278	"	2.22	0.0526	92.4	75-125				
Calcium - Dissolved	101	0.0556	"	1.11	97.9	246	75-125	High Bias			
Chromium - Dissolved	0.201	0.00556	"	0.222	ND	90.4	75-125				
Cobalt - Dissolved	0.498	0.00444	"	0.556	ND	89.6	75-125				
Copper - Dissolved	0.267	0.0222	"	0.278	ND	96.3	75-125				
Iron - Dissolved	1.12	0.278	"	1.11	ND	101	75-125				
Lead - Dissolved	0.487	0.00556	"	0.556	ND	87.6	75-125				
Magnesium - Dissolved	32.0	0.0556	"	1.11	30.2	159	75-125	High Bias			
Manganese - Dissolved	0.674	0.00556	"	0.556	0.175	89.8	75-125				
Nickel - Dissolved	0.528	0.0111	"	0.556	0.0374	88.3	75-125				
Potassium - Dissolved	15.6	0.0556	"	1.11	14.3	120	75-125				
Silver - Dissolved	0.0488	0.00556	"	0.0556	ND	87.8	75-125				
Sodium - Dissolved	30.9	0.556	"	1.11	29.2	150	75-125	High Bias			
Vanadium - Dissolved	0.513	0.0111	"	0.556	ND	92.3	75-125				
Zinc - Dissolved	0.495	0.0278	"	0.556	ND	89.2	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50145 - EPA 3015A											
Post Spike (BB50145-PS1) Post Spike *Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 02/04/2025			
Aluminum - Dissolved	1.91		ug/mL	2.00	-0.0119	95.3	75-125				
Barium - Dissolved	1.97		"	2.00	0.0473	96.3	75-125				
Calcium - Dissolved	89.1		"	1.00	88.1	100	75-125				
Chromium - Dissolved	0.188		"	0.200	0.00190	93.0	75-125				
Cobalt - Dissolved	0.466		"	0.500	0.000300	93.2	75-125				
Copper - Dissolved	0.249		"	0.250	0.00420	98.0	75-125				
Iron - Dissolved	1.02		"	1.00	0.0732	94.9	75-125				
Lead - Dissolved	0.457		"	0.500	0.00210	91.1	75-125				
Magnesium - Dissolved	28.2		"	1.00	27.2	105	75-125				
Manganese - Dissolved	0.625		"	0.500	0.157	93.5	75-125				
Nickel - Dissolved	0.492		"	0.500	0.0337	91.6	75-125				
Potassium - Dissolved	13.8		"	1.00	12.9	88.4	75-125				
Silver - Dissolved	0.0488		"	0.0500	-0.00260	97.6	75-125				
Sodium - Dissolved	27.1		"	1.00	26.3	87.6	75-125				
Vanadium - Dissolved	0.479		"	0.500	0.00140	95.6	75-125				
Zinc - Dissolved	0.467		"	0.500	0.0123	90.9	75-125				
Batch BB50148 - EPA 3015A											
Blank (BB50148-BLK1) Blank								Prepared & Analyzed: 02/04/2025			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0562	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50148 - EPA 3015A											
LCS (BB50148-BS1) LCS								Prepared & Analyzed: 02/04/2025			
Aluminum	1.74		ug/mL	2.00		87.2	80-120				
Barium	1.89		"	2.00		94.4	80-120				
Calcium	1.08		"	1.00		108	80-120				
Chromium	0.183		"	0.200		91.6	80-120				
Cobalt	0.465		"	0.500		93.1	80-120				
Copper	0.235		"	0.250		94.0	80-120				
Iron	0.900		"	1.00		90.0	80-120				
Lead	0.455		"	0.500		91.0	80-120				
Magnesium	0.900		"	1.00		90.0	80-120				
Manganese	0.460		"	0.500		91.9	80-120				
Nickel	0.459		"	0.500		91.8	80-120				
Potassium	1.03		"	1.00		103	80-120				
Silver	0.0434		"	0.0500		86.8	80-120				
Sodium	1.05		"	1.00		105	80-120				
Vanadium	0.455		"	0.500		90.9	80-120				
Zinc	0.452		"	0.500		90.5	80-120				
Duplicate (BB50148-DUP1) Duplicate	*Source sample: 25A1721-02 (GWFB01_013025)							Prepared & Analyzed: 02/04/2025			
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	0.867	0.0556	"		0.173				133	20	Non-dir.
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	0.258	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	0.225	0.0556	"		0.163				31.9	20	Non-dir.
Silver	ND	0.00556	"		ND					20	
Sodium	2.27	0.556	"		0.683				107	20	Non-dir.
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50148 - EPA 3015A											
Matrix Spike (BB50148-MS1) Matrix Spike	*Source sample: 25A1721-02 (GWFB01_013025)								Prepared & Analyzed: 02/04/2025		
Aluminum	1.89	0.0556	mg/L	2.22	ND	85.0	75-125				
Barium	2.11	0.0278	"	2.22	ND	94.8	75-125				
Calcium	1.24	0.0556	"	1.11	0.173	96.1	75-125				
Chromium	0.204	0.00556	"	0.222	ND	91.8	75-125				
Cobalt	0.515	0.00444	"	0.556	ND	92.8	75-125				
Copper	0.261	0.0222	"	0.278	ND	93.8	75-125				
Iron	0.977	0.278	"	1.11	ND	88.0	75-125				
Lead	0.505	0.00556	"	0.556	ND	90.8	75-125				
Magnesium	1.03	0.0556	"	1.11	ND	92.5	75-125				
Manganese	0.512	0.00556	"	0.556	ND	92.1	75-125				
Nickel	0.509	0.0111	"	0.556	ND	91.6	75-125				
Potassium	1.10	0.0556	"	1.11	0.163	84.7	75-125				
Silver	0.0471	0.00556	"	0.0556	ND	84.8	75-125				
Sodium	1.57	0.556	"	1.11	0.683	79.4	75-125				
Vanadium	0.508	0.0111	"	0.556	ND	91.5	75-125				
Zinc	0.510	0.0278	"	0.556	ND	91.7	75-125				
Post Spike (BB50148-PS1) Post Spike	*Source sample: 25A1721-02 (GWFB01_013025)								Prepared & Analyzed: 02/04/2025		
Aluminum	1.77		ug/mL	2.00	-0.00580	88.4	75-125				
Barium	1.96		"	2.00	0.000400	98.0	75-125				
Calcium	1.08		"	1.00	0.156	92.0	75-125				
Chromium	0.189		"	0.200	0.00150	93.6	75-125				
Cobalt	0.480		"	0.500	-0.000100	96.0	75-125				
Copper	0.245		"	0.250	0.00400	96.4	75-125				
Iron	0.924		"	1.00	0.0214	90.2	75-125				
Lead	0.466		"	0.500	-0.00110	93.3	75-125				
Magnesium	0.953		"	1.00	0.00400	94.9	75-125				
Manganese	0.475		"	0.500	0.000400	95.0	75-125				
Nickel	0.478		"	0.500	0.000600	95.4	75-125				
Potassium	1.03		"	1.00	0.147	88.0	75-125				
Silver	0.0464		"	0.0500	-0.00280	92.8	75-125				
Sodium	1.46		"	1.00	0.615	84.9	75-125				
Vanadium	0.472		"	0.500	0.000100	94.4	75-125				
Zinc	0.468		"	0.500	0.00960	91.7	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50140 - EPA 3015A											
Blank (BB50140-BLK1) Blank									Prepared & Analyzed: 02/04/2025		
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BB50140-BS1) LCS									Prepared & Analyzed: 02/04/2025		
Antimony	51.5		ug/L	50.0		103	80-120				
Arsenic	45.3		"	50.0		90.7	80-120				
Beryllium	54.8		"	50.0		110	80-120				
Cadmium	51.7		"	50.0		103	80-120				
Selenium	46.3		"	50.0		92.7	80-120				
Thallium	47.4		"	50.0		94.8	80-120				
Batch BB50142 - EPA 3015A											
Blank (BB50142-BLK1) Blank									Prepared & Analyzed: 02/04/2025		
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BB50142-BS1) LCS									Prepared & Analyzed: 02/04/2025		
Antimony - Dissolved	46.7		ug/L	50.0		93.3	80-120				
Arsenic - Dissolved	46.4		"	50.0		92.8	80-120				
Beryllium - Dissolved	53.9		"	50.0		108	80-120				
Cadmium - Dissolved	47.9		"	50.0		95.7	80-120				
Selenium - Dissolved	45.2		"	50.0		90.4	80-120				
Thallium - Dissolved	45.3		"	50.0		90.5	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50130 - EPA SW846-7470A												
Blank (BB50130-BLK1)	Blank								Prepared & Analyzed: 02/04/2025			
Mercury		ND	0.0002	mg/L								
Blank (BB50130-BLK2)	Blank								Prepared & Analyzed: 02/04/2025			
Mercury		ND	0.0002	mg/L								
LCS (BB50130-BS1)	LCS								Prepared & Analyzed: 02/04/2025			
Mercury		0.0018972	0.0002	mg/L	0.00200		94.9	80-120				
LCS (BB50130-BS2)	LCS								Prepared & Analyzed: 02/04/2025			
Mercury		0.0018452	0.0002	mg/L	0.00200		92.3	80-120				
Batch BB50139 - EPA SW846-7470A												
Blank (BB50139-BLK1)	Blank								Prepared & Analyzed: 02/04/2025			
Mercury - Dissolved		ND	0.0002	mg/L								
Blank (BB50139-BLK2)	Blank								Prepared & Analyzed: 02/04/2025			
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BB50139-BS1)	LCS								Prepared & Analyzed: 02/04/2025			
Mercury - Dissolved		0.0020	0.0002	mg/L	0.00200		99.8	80-120				
LCS (BB50139-BS2)	LCS								Prepared & Analyzed: 02/04/2025			
Mercury - Dissolved		0.0020	0.0002	mg/L	0.00200		98.5	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51856 - Analysis Preparation											
Blank (BA51856-BLK1) Blank								Prepared & Analyzed: 01/30/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA51856-BS1) LCS								Prepared & Analyzed: 01/30/2025			
Chromium, Hexavalent	0.444	0.0100	mg/L	0.500		88.8	85-115				
Duplicate (BA51856-DUP1) Duplicate *Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 01/30/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA51856-MS1) Matrix Spike *Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 01/30/2025			
Chromium, Hexavalent	0.474	0.0100	mg/L	0.500	ND	94.7	85-115				
Matrix Spike Dup (BA51856-M Matrix Spike Dup *Source sample: 25A1721-01 (MW-020_013025)								Prepared & Analyzed: 01/30/2025			
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500	ND	95.9	85-115		1.23	200	
Batch BA51903 - Analysis Preparation											
Blank (BA51903-BLK1) Blank								Prepared & Analyzed: 01/31/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BA51903-BS1) LCS								Prepared & Analyzed: 01/31/2025			
Cyanide, total	0.0905	0.0100	mg/L	0.100		90.5	80-120				
Batch BB50080 - Analysis Preparation											
Blank (BB50080-BLK1) Blank								Prepared & Analyzed: 02/03/2025			
Cyanide, total	ND	0.0100	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB50080 - Analysis Preparation											
LCS (BB50080-BS1) LCS									Prepared & Analyzed: 02/03/2025		
Cyanide, total	0.0862	0.0100	mg/L	0.100		86.2	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A1721-01	MW-020_013025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1721-02	GWFB01_013025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A1721-03	TB02_013025	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
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.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
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.

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

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25A1721

Report To:
Company: LANGAN
Address: 368 Ninth Ave 8th Fl NY, NY 1001
Phone.: 212-479-5400
Contact: Nick Palumbo
E-mail: npalumbo@langan.com

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 198-200 Conover St 1705202203

PO Number:

Samples Collected From: NY ✓ NJ CT 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 YORK are resolved.

Lilan Willis

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:	Part 375 / TCL VOCs, TCLSVOCs	PCBs, Pesticides, Herbicides	TAL Metals (including hexavalent + trivalent Chromium, total Cyanide, PFAS	1,4 Dioxane	Grab or Comp. G/C
MW-020-013025	1/30	9:30	GW	9	3		2		1					X	X	X	X	
GWFB01-013025	1/30	1495	GW	9	3		1		1					X	X	X	X	
TB02-013025	1/30	—	GW											X				

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)

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

Field Filtered ✓
Lab Filtered

Comments: please cc. datamanagement@langan.com
lgrose@langan.com
L.clements@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: 1/30/25 11:55	1. Samples Received by / Company — Date/Time: 1/30/25 11:55	2. Samples Relinquished by / Company — Date/Time: 1/30/25 20:10
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: 1/30/25 20:10 — Temperature: 4.3 Degrees C

APPENDIX I

DATA USABILITY SUMMARY REPORTS

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Nicholas Palumbo, Langan Project Engineer

From: Mariana Wissink, Langan Senior Staff Chemist

Date: February 10, 2025

Re: Data Usability Summary Report
For 198-200 Conover Street - Remedial Investigation Report
January 2025 Soil Samples
Langan Project No.: 170562203

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in January 2025 by Langan Engineering and Environmental Services at 198-200 Conover Street. 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 (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E/8270D SIM
- PFAS by USEPA Method 1633
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/7473
- Cyanide by SW-846 Method 9014/9010C
- 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. Three (3) sample delivery groups underwent Tier 1 validation review: 25A0314, 25A0510, 25A0605.

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 because certain criteria were not met when generating the data. 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 reporting limit; however, the reported reporting limit 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.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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 SW-846 Method 8260D

25A0314

The LCS/LCSD for batch BA50497 exhibited percent recoveries below the LCL for methyl isobutyl ketone (LCS=70.8%) and tetrachloroethene [PCE] (79.6%, 79.7%). The associated results in samples SB19_0-2, SB20_0-2, SB21_0-2, SB21_6-8, SB22_0-2, SB22_6-8, and SODUP01_010725 are qualified as UJ because of potential low bias.

25A0510

The LCS for batch BA50903 exhibited a percent recovery below the LCL for tetrachloroethene (78.9%). The associated results in samples SB16_0-2, SB16_6-8, SB19_5-7, and SB20_6-8 are qualified as UJ because of potential low bias.

25A0605

The LCS for batch BA50904 exhibited a percent recovery below the LCL for tetrachloroethene (78.0%). The associated results in samples SB17_0-2, SB17_6-8, SB18_0-2, and SB18_6-8 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270E/8270D SIM

25A0314

The MB for batch BA50366 exhibited a detection of bis(2-ethylhexyl) phthalate (0.0292 mg/kg). The associated detected results <10x blank concentration in samples SB19_0-2, SB20_0-2, SB21_0-2, SB21_6-8, SB22_0-2, SB22_6-8, and SODUP01_010725 are qualified as J because of potential blank contamination.

PFAS by USEPA Method 1633

25A0314

The sample SB22_0-2 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (8.18%). The associated results are qualified as UJ because of potential low bias.

The sample SB22_6-8 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (11.8%). The associated results are qualified as UJ because of potential low bias.

The LCS and/or LLCS for batch BA50329 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid [PFMPA] (13.1%, 15.5%) and perfluorododecanesulfonic acid [PFDoS] (LCS=48.3%). The associated results in samples SB19_0-2, SB20_0-2, SB21_0-2, SB21_6-8, SB22_0-2, SB22_6-8, and SODUP01_010725 are qualified as UJ because of potential low bias.

25A0510

The sample SB19_5-7 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (14.3%). The associated results are qualified as UJ because of potential low bias.

The sample SB16_0-2 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (13.3%). The associated results are qualified as UJ because of potential low bias.

The sample SB16_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) (153%). The associated results are qualified as UJ because of potential high bias.

The LCS and/or LLCS for batch BA50651 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (13.0%, 7.90%) and perfluorobutanoic acid (LCS=48.9%). The associated results in samples SB16_0-2 and SB19_5-7 are qualified as UJ because of potential low bias.

The LLCS for batch BA50775 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (17.8%), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (49.2%), and perfluorododecanesulfonic acid (PFDoS) (44.1%). The associated results in samples SB16_6-8 and SB20_6-8 are qualified as UJ because of potential low bias.

25A0605

The LLCS for batch BA50775 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (17.8%), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (49.2%), and perfluorododecanesulfonic acid (PFDoS) (44.1%). The associated results in sample SB17_0-2, SB17_6-8, SB18_0-2, and SB18_6-8 are qualified as UJ because of potential low bias.

Metals by SW-846 Method 6010D/7473

25A0314

The MS performed on sample SB20_0-2 exhibited a percent recovery above the UCL for mercury (141%). The associated results in sample SB20_0-2 are qualified as J because of potential high bias.

25A0510

The field blank (SOFB01_010925) exhibited detections of calcium (0.607 mg/L), sodium (0.907 mg/L), and zinc (0.0349 mg/L). The associated detected results <10x blank concentration in samples SB16_0-2, SB16_6-8, SB19_5-7, and SB20_6-8 are qualified as J or U at the sample concentration because of potential blank contamination.

The SRM for batch BA50797 exhibited a percent recovery below the LCL for silver (56.5%). The associated results in samples SB16_0-2, SB16_6-8, SB19_5-7, and SB20_6-8 are qualified as UJ because of potential low bias.

The MS performed on sample SB16_6-8 exhibited percent recoveries below the LCL for antimony (40.0%) and zinc (66.3%). The associated result in sample SB16_6-8 is qualified as J because of potential low bias.

The MS performed on sample SB16_6-8 exhibited a percent recovery below the LCL for mercury (38.3%). The associated result in sample SB16_6-8 is qualified as J because of potential low bias.

Hexavalent Chromium by SW-846 Method 7196A

25A0510

The MS performed on sample SB16_6-8 exhibited a percent recovery below the LCL for hexavalent chromium (74.0%). The associated results in sample SB16_6-8 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

25A0510

The field blank (SOFB01_010925) exhibited detections of acetone (1.46 ug/L), bromodichloromethane (1.10 ug/L), and chloroform (13.5 ug/L). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample SB16_6-8 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

SVOCs by SW-846 Method 8270E/8270D SIM

25A0314

The MS and/or MSD performed on sample SB21_6-8 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

25A0510

The MB for batch BA50656 exhibited a detection of di-n-butyl phthalate (0.0233 mg/kg). The associated results are non-detect. No qualification is necessary.

The sample SB16_0-2 exhibited a percent recovery below the LCL for the surrogate phenol-d6 (17%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The MS/MSD performed on sample SB16_6-8 exhibited RPDs above the control limit one or more analytes. Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

PFAS by USEPA Method 1633

25A0510

The field blank (SOFB01_010925) exhibited a detection of perfluorobutanoic acid (0.367 ng/l). The associated results are non-detect. No qualification is necessary.

Herbicides by SW-846 Method 8151A

25A0510

The LCS for batch BA50564 exhibited percent recoveries above the UCL for acetic acid, (2,4,5-trichlorophenoxy)- (125%) and silvex (2,4,5-TP) (121%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Method 6010D/7473

25A0510

The MB for batch BA50797 exhibited a detection of potassium (11.9 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample SB16_6-8 exhibited percent recoveries outside control limits for iron (-2570%), aluminum (-677%), magnesium (-210%), potassium (-77.3%), and calcium (162%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample SB16_6-8 exhibited a percent recovery above the UCL for sodium (148%). The associated results are non-detect. No qualification is necessary.

The laboratory duplicate and parent sample (SB16_6-8) exhibited a RPD above the control limit for mercury (114%). The associated results were previously qualified. No further action required.

The post-digestion spike performed on sample SB16_6-8 exhibited percent recoveries below the LCL for aluminum (54.6%) and iron (-58.9%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

25A0605

The MB for batch BA50807 exhibited a detection of potassium (9.78 mg/kg). The associated results are >10X the contamination. 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 ±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 pair was compared to and met the precision criteria:

- SODUP01_010725 and SB22_0-2

The field duplicate and parent sample (SODUP01_010725 and SB22_0-2) exhibited RPDs above the control limit for chromium III (72.3%), total chromium (72.3%), mercury (79.6%), and nickel (71.1%). 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 with the exception of 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:



Mariana Wissink
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Nicholas Palumbo, Langan Project Engineer

From: Mariana Wissink, Langan Senior Staff Chemist

Date: February 12, 2025

Re: Data Usability Summary Report
For 198-200 Conover Street - Remedial Investigation Report
January 2025 Groundwater Samples
Langan Project No.: 170562203

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in January 2025 by Langan Engineering and Environmental Services at 198-200 Conover Street. 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 (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270D/8270D SIM
- PFAS by USEPA Method 1633
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/6020B/7470
- Cyanide by SW-846 Method SM 4500 CN E-2016
- 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 underwent Tier 1 validation review: 25A1092 and 25A1721.

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 because certain criteria were not met when generating the data. 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 reporting limit; however, the reported reporting limit 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.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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 SW-846 Method 8260D

25A1092

The LCS and or LCSD for batch BA51375 exhibited percent recoveries below the LCL for 1,2,3-trichlorobenzene (LCS=67.2%), 1,2,4-trichlorobenzene (LCS=73.9%), and cyclohexane (56.5%, 52.6%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725, MW-019_011725, and GWDUP01_011725 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BA51375 exhibited RPDs above the control limit for 1,4-dioxane (p-dioxane) (41.5%), 2-hexanone (34%), and tert-butyl alcohol (59.1%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725, MW-019_011725, and GWDUP01_011725 are qualified as UJ because of potential indeterminate bias.

25A1721

The LCS and/or LCSD for batch BB50101 exhibited percent recoveries below the LCL for 1,2,3-trichlorobenzene (LCS=70.7%), 2-butanone (LCS=44.6%), cyclohexane (48.6%, 45.8%), dichlorodifluoromethane (36.9%, 33%), and vinyl chloride (LCSD=56.8%). The associated results in sample MW-020_013025 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BB50101 exhibited RPDs above the control limit for acrylonitrile (30.5%), 4-methyl-2-pentanone [MIBK] (31.1%), 2-hexanone (33.9%), 1,4-dioxane (53.1%), tert-butyl alcohol [TBA] (73.3%), and 2-butanone [MEK] (82.8%). The associated results in sample MW-020_013025 are qualified as UJ because of potential indeterminate bias.

SVOCs by SW-846 Method 8270D/8270D SIM

25A1092

The sample GWDUP01_011725 exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (12.9%), phenol-d6 (4.32%), nitrobenzene-d5 (13.2%), 2-fluorobiphenyl (10.5%), 2,4,6-tribromophenol (14.4%), and p-terphenyl-d14 (11.5%). The associated results are qualified as UJ because of potential low bias.

The sample MW-016_011725 exhibited a percent recovery below the LCL for the surrogate nitrobenzene-d5 (47.0%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample MW-017_011725 exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (19.1%), phenol-d6 (9.06%), nitrobenzene-d5 (20.2%), 2-fluorobiphenyl (17.0%), 2,4,6-tribromophenol (21.7%), and p-terphenyl-d14 (20.6%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BA51184 exhibited percent recoveries below the LCL for 4-nitrophenol (0%), benzoic acid (0%), and pyridine (9.00%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725 and GWDUP01_011725 are qualified as UJ because of potential low bias.

The LCS for batch BA51184 (SIM) exhibited percent recoveries below the LCL for n-nitrosodimethylamine (0%) and pentachlorophenol (0%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725, and GWDUP01_011725 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BA51323 exhibited percent recoveries below the LCL for 4-nitrophenol (0%, 0%), benzoic acid (13.5%, 15.8%), and pyridine (0%, 0%). The associated results in sample MW-019_011725 are qualified as UJ because of potential low bias.

The LCS for batch BA51323 (SIM) exhibited percent recoveries below the LCL for hexachloroethane (0%), n-nitrosodimethylamine (0%), and pentachlorophenol (0%). The associated results in sample MW-019_011725 are qualified as UJ because of potential low bias.

25A1721

The LCS and/or LCSD for batch BB50129 exhibited percent recoveries below the LCL and RPDs outside control limits for numerous analytes (0% - 36.1%, RPDs=56.5% - 105.4%). The associated results in sample MW-020_013025 are qualified as UJ because of potential low bias.

The LCS for batch BB50129 (SIM) exhibited percent recoveries below the LCL for numerous analytes (0%). The associated results in sample MW-020_013025 are qualified as J or UJ because of potential low bias.

PFAS by USEPA Method 1633

25A1092

The sample MW-016_011725 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) (157%). The associated results are qualified as UJ because of potential high bias.

The sample MW-018_011725 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (22.5%). The associated results are qualified as J because of potential low bias.

The sample MW-019_011725 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) (158%). The associated results are qualified as UJ because of potential high bias.

The LCS and LLCS for batch BA51097 exhibited a percent recovery below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (17.4%, 17.4%). The associated results in samples MW-016_011725, MW-017_011725, MW-019_011725, and GWDUP01_011725 are qualified UJ because of potential low bias.

The LCS and LLCS for batch BA51097 exhibited a percent recovery below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (12.5%, 15.2%). The associated results in sample MW-018_011725 is qualified as UJ because of potential low bias.

25A1721

The sample MW-020_013025 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) (216%). The associated results are qualified as UJ because of potential high bias.

The LCS and LLCS for batch BB50073 exhibited a percent recovery below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (25.2%, 24.7%). The associated results in sample MW-020_013025 are qualified as UJ because of potential low bias.

Pesticides by SW-846 Method 8081B

25A1092

The sample GWDUP01_011725 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl [1C] (26.1%). The associated results are qualified as UJ because of potential low bias.

25A1721

The sample MW-020_013025 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl [1C] (17.4%). The associated results are qualified as UJ because of potential low bias.

Metals by SW-846 Method 6010D/6020B/7470

25A1092

The MB for batch BA51251 exhibited a detection of total potassium (0.532 mg/L). The associated results in samples MW-016_011725 and GWDUP01_011725 are qualified as J because of potential blank contamination. The associated results in samples MW-017_011725, MW-018_011725, and MW-019_011725 are >10X the contamination. No qualification is necessary.

The LCS for batch BA51251 exhibited percent recoveries above the UCL for total calcium (171%) and total potassium (134%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725, MW-019_011725, and GWDUP01_011725 are qualified as J because of potential high bias.

The LCS for batch BA51253 exhibited percent recoveries above the UCL for dissolved calcium (130%) and dissolved potassium (156%). The associated results in samples MW-016_011725, MW-017_011725, MW-018_011725, MW-019_011725, and GWDUP01_011725 are qualified as J because of potential high bias.

The MS performed on sample MW-016_011725 exhibited a percent recovery below the LCL for total beryllium (66.9%). The associated results in sample MW-016_011725 are qualified as UJ because of potential low bias.

25A1721

The field blank (GWFB01_013025) exhibited detections of total calcium (0.173 mg/L), total potassium (0.163 mg/L), total sodium (0.683 mg/L), total arsenic (5.97 ug/L), total selenium (6.12 ug/L), and total thallium (8.52 ug/L). The associated detected results that are <10x blank concentration in sample MW-020_013025 are qualified as U at the sample concentration because of potential blank contamination.

Cyanide by SW-846 Method SM 4500 CN E-2016

25A1092

The MS/MSD performed on sample MW-018_011725 exhibited a percent recovery below the LCL for (74.6%, 71.5%). The associated results in sample MW-018_011725 are qualified as UJ because of potential low bias.

Hexavalent Chromium by SW-846 Method 7196A

25A1092

The MS/MSD performed on sample MW-018_011725 exhibited a percent recovery below the LCL for hexavalent chromium (75.6%, 71.4%). The associated result in sample MW-018_011725 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

25A1092

The trip blank (TB01_011725) exhibited a detection of tert-butyl alcohol (0.710 ug/L). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BA51375 exhibited a percent recovery above the UCL for acrolein (156%, 191%). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample MW-018_011725 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified based on MS/MSD recoveries or RPDs alone. No qualification is necessary.

25A1721

The field blank (GWFB01_013025) exhibited detections of bromodichloromethane (1.60 ug/L) and chloroform (20.8 ug/L). The associated results are non-detect. No qualification is necessary.

The LCS for batch BB50101 exhibited a percent recovery above the UCL for acrolein (172%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D/8270D SIM

25A1092

The MS and/or MSD performed on sample MW-018_011725 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified based on MS/MSD recoveries or RPDs alone. No qualification is necessary.

25A1721

The field blank (GWFB01_013025) exhibited a detection of bis(2-ethylhexyl) phthalate (1.21 ug/L). The associated result is non-detect. No qualification is necessary.

PFAS by USEPA Method 1633

25A1092

The MS and/or MSD performed on sample MW-018_011725 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified based on MS/MSD recoveries or RPDs alone. No qualification is necessary.

25A1721

The LCS and LLCS for batch BB50073 exhibited a percent recovery above the UCL for perfluoro-4-methoxybutanoic acid (PFMBA) (159%, 165%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Method 6010D/6020B/7470

25A1092

The MS performed on sample MW-018_011725 exhibited percent recoveries below the LCL for total calcium (57.6%), total potassium (72.6%), and total sodium (46.0%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample MW-018_011725 exhibited percent recoveries below the LCL for dissolved calcium (49.5%) and dissolved sodium (35.8%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The dissolved selenium result was greater than the total selenium result for sample MW-017_011725 exhibited a RPD above the control limit (33.8%). The associated results were previously qualified. No further action is necessary.

25A1721

The MB for batch BB50145 exhibited a detection of dissolved potassium (0.144 mg/L). The associated results are >10X the contamination. No qualification is necessary.

The MB for batch BB50148-BLK1 exhibited a detection of total calcium (0.0562 mg/l). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample MW-020_013025 exhibited percent recoveries above the UCL for dissolved calcium (246%), dissolved magnesium (159%), and dissolved sodium (150%). The associated results in the parent sample are >4X the spiked amount. 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_011725 and MW-017_011725

The field duplicate and parent sample (GWDUP01_011725 and MW-017_011725) exhibited RPDs above the control limit for total aluminum (87%), dissolved calcium (41.7%), total iron (107.4%), dissolved magnesium (54.2%), total magnesium (42.1%), total manganese (58.5%), total nickel (92.9%), and total potassium (52.3%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (GWDUP01_011725 and MW-017_011725) exhibited absolute differences above the RL for dissolved arsenic (3.24 ug/L), total chromium (0.0385 mg/L), total cobalt (0.0115 mg/L), total copper (0.0344 mg/L), dissolved selenium (7.59 ug/L), total selenium (2.21 ug/L), total vanadium (0.052 mg/L), and total zinc (0.0748 mg/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. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Mariana Wissink
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

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Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Nicholas Palumbo, Langan Project Engineer

From: Mariana Wissink, Langan Senior Staff Chemist

Date: February 12, 2025

Re: Data Usability Summary Report
For 198-200 Conover Street - Remedial Investigation Report
January 2025 Soil Vapor and Ambient Air Samples
Langan Project No.: 170562203

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in January 2025 by Langan Engineering and Environmental Services at the 198-200 Conover Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, 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.

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 sample delivery group underwent Tier 1 validation review: 25A0608.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. 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 reporting limit; however, the reported reporting limit 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.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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 due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

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

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:

25A0608

The samples SV-011_011025, SV-012_011025, SV-014_011025, and AA-001_011025 exhibited a laboratory-measured receipt pressure above -2 in. Hg (-0.88, -1.6, -1.8, and -1.13 in. Hg, respectively). The associated results in samples SV-011_011025, SV-012_011025, SV-014_011025, and AA-001_011025 are qualified as J or UJ because of potential indeterminate bias.

The LCS for batch BA51163 exhibited a percent recovery below the LCL for vinyl acetate (58.2%). The associated results in samples SV-011_011025, SV-012_011025, SV-013_011025, SV-014_011025, and AA-001_011025 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.

25A0608

The LCS for batch BA51163 exhibited a percent recovery above the UCL for naphthalene (136%). The associated results are non-detect. No qualification is necessary.

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:



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Staff Chemist

APPENDIX J

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.		