



ATHENICA ENVIRONMENTAL
SERVICES, INC.

Environmental Engineering Consultants

A NYS AND NYC WBE COMPANY

September 20, 2024

Yardley Associates
1200 County Road 284
Liberty Hill, Texas 78642
Attention: Jay Onorato

And

Leap Power Holdings LLC
43-23 35th Street,
Long Island City, New York 11101
Attention: Savas Tsitiridis

**RE: Phase II Environmental Site Assessment Investigation Report
37-05 to 37-27 21st Street, Long Island City, NY 11101
(Queens Block 364, Lots 6, 12, and 135)**

Dear Mr. Onorato and Mr. Tsitiridis:

Athenica Environmental Services, Inc. (Athenica) has prepared this report to summarize the results of the Phase II Environmental Site Assessment (ESA) Investigation conducted at the referenced property in Queens, New York (Site). In accordance with Athenica's proposal dated July 31, 2024, the scope of work included conducting a geophysical survey; advancing four soil borings at different locations across the Site; screening of soil samples and selecting of one soil sample per boring for laboratory analysis; installing and sampling of three temporary groundwater monitoring wells; installing and sampling four temporary soil vapor points for laboratory analysis; and collecting two indoor ambient air samples and one outdoor ambient air sample. The geophysical survey was conducted on August 9, 2024, soil borings and sampling on August 28, and groundwater sampling, as well as soil vapor and ambient air sampling, on August 30, 2024.

SITE BACKGROUND

The Site comprises three contiguous parcels that total approximately 23,200 square feet (0.53 acre) in area and is occupied by four 1-story, slab-on-grade commercial use buildings fronting 21st Street. The buildings occupy approximately 40 percent of the total Site area, with the remaining space consisting of an open area along the southeastern Site boundary and an open shed in the rear southern corner. A driveway runs between the buildings, connecting 21st Street to the open area. The findings of a recent Phase I Environmental Site Assessment (ESA), prepared by others, identified a Recognized Environmental Condition (REC) associated with the Site. This REC is based on the historic use of the Site, which has

included a scrap iron yard, vehicle repair and dismantling firms, and a lumber yard. Additionally, 21 aboveground and underground storage tanks (ASTs and USTs) are or were present at the Site, and there is a closed petroleum spill case with confirmed soil and groundwater contamination associated with the Site. As a result, the Phase I ESA report recommended a ground-penetrating radar survey and a Phase II investigation to determine if any suspected USTs or UST graves remain on-Site, and if the identified REC has affected soil, soil vapor, or indoor air quality.

OBJECTIVE / SCOPE OF INVESTIGATION

Geophysical Survey

The objective of the geophysical survey was to investigate the presence of potential environmental concerns, including determining whether any of the reported USTs remain at the Site, identifying any other potential subsurface structures or anomalies within accessible areas of the Site (such as the open area along the southeastern Site boundary, the driveway, and the sidewalk area in front of the Site buildings) that would warrant investigation, and clearing proposed boring and temporary well locations.

Soil Borings

The objective of the soil borings was to evaluate the subsurface soil conditions at the Site by advancing four soil borings positioned to address identified areas of potential environmental concern and to provide spatial coverage of the site (to the maximum extent possible), reaching the depth of groundwater (estimated to be approximately 12 feet below ground surface (bgs)) or refusal, whichever was shallower. The scope included screening the soil for total volatile organic compounds (VOCs), examining for other indications of potential contamination (such as staining, odors, etc.), geologically describing the soil, and collecting one soil sample from each boring for laboratory analysis. The most contaminated 2-foot interval was selected for analysis, or if no apparent contamination was identified, the deepest 2-foot interval above groundwater was chosen.

Temporary Monitoring Well Installation and Sampling

The objective of the temporary groundwater monitoring wells was to assess the on-Site groundwater conditions and their effect on the Site by installing three temporary monitoring wells to the anticipated groundwater depth of approximately 12 feet bgs and collecting samples from each well for laboratory analysis.

Soil Vapor and Ambient Air Quality Investigation

The objective of the soil vapor and ambient air quality investigation was to evaluate subsurface soil vapor, indoor ambient air, and outdoor ambient air quality at the Site to assess whether the historic uses at the Site have affected soil vapor or indoor air quality. The scope of work for the investigation included installing and sampling four temporary soil vapor points (one in each Site building) immediately below the floor slab, collecting two concurrent indoor ambient air samples, and collecting one concurrent outdoor ambient air sample.

The locations of the soil borings, temporary monitoring wells, soil vapor, and ambient air samples are shown in Figure 1. Photographs taken during the field investigation are included in Appendix A.

FIELD METHODOLOGY

Athenica implemented the scope of work for the geophysical survey on August 9, 2024, soil borings and sampling on August 28, and groundwater sampling, as well as soil vapor and ambient air sampling, on August 30, 2024.

Geophysical Survey

A representative from Athenica mobilized to the Site with PG Environmental Services, Inc. (PGES), an experienced and qualified geophysical subcontractor, to conduct the geophysical survey. The geophysical survey was conducted utilizing a UtilityScan GPR unit with the RADAN 7 software and a 350 kilohertz antenna, along transects within the open area along the southeastern Site boundary, the driveway, and the sidewalk area in front of the Site buildings. Concurrently with the geophysical survey, Athenica conducted Site reconnaissance and visual inspection of the surveyed areas to identify evidence of potential environmental concerns.

Soil Borings

Athenica's drilling subcontractor, PGES, advanced four environmental soil borings (SB-1, SB-2, SB-3, and SB-4) to a depth of 15 feet bgs, using a tractor-mounted direct push rig (Geoprobe). A 2-foot zone from each boring was selected for laboratory analysis; the analyzed interval represented either the most contaminated 2-foot zone or, if no apparent contamination was identified, the deepest 2-foot interval above groundwater. Samples were collected using new, dedicated disposable acetate sleeves. The locations of the borings are shown in Figure 1.

Upon retrieval, the soil in each sleeve was screened for total VOCs using a handheld photoionization detector (PID) and geologically described using the Unified Soil Classification System, including observations of potential contamination, such as odors and staining. During soil screening in boring SB-2, apparent petroleum impacts were encountered in the shallow interval (0 to 2 feet bgs), indicated by odor and dark staining. Additionally, the PID screening exhibited VOC levels up to 228 parts per million (ppm) from that interval of SB-2. A soil sample was collected from this impacted interval, and an additional sample (designated SB-2-2) was collected from the deepest 2-foot interval (13 to 15 feet bgs) in SB-2 for delineation purposes. All sample descriptions and field observations from the environmental borings were documented in boring logs, which are included in Appendix B.

The environmental samples were placed into iced coolers and submitted, under chain-of-custody protocols, to York Analytical Laboratories (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory, for analysis of Target Compound List (TCL) VOCs, TCL semi-volatile organic compounds (SVOCs), TCL pesticides, TCL PCBs, Target Analyte List (TAL) metals, hexavalent chromium, and total cyanide.

Temporary Monitoring Well Installation and Sampling

Athenica's drilling subcontractor, PGES, installed three temporary groundwater monitoring wells (TW-1, TW-2, and TW-3, see Figure 1) to a depth of 20 feet bgs using a tractor-mounted direct push rig (Geoprobe). Each well was constructed using a 10-foot length of 1-inch diameter PVC well screen, installed across the water table, along with a 10-foot section of 1-inch diameter PVC casing. TW-1 and TW-2, located downgradient, were installed along the northern property boundary, while TW-3, upgradient, was installed along the southern property boundary in the driveway.

Prior to sampling, the headspace inside the well casings were monitored for the presence of VOCs utilizing a PID. The depth to groundwater and depth to bottom in each of the three monitoring wells were measured using an oil/water interface probe, and each well was then purged of a minimum of three casing volumes using a dedicated disposable polyethylene bailer. Photographs taken during the groundwater sampling are included in Appendix A and the groundwater gauging table is attached as Appendix C.

The groundwater samples were collected using the same bailer that was used for purging, and were directly transferred into pre-cleaned laboratory-provided glassware. Filled containers were placed into iced coolers and submitted, under chain-of-custody protocols, to York, a NYSDOH ELAP-certified laboratory, for analysis of TCL VOCs, TCL SVOCs, TCL pesticides, TCL PCBs, total and dissolved TAL metals, hexavalent chromium, and total cyanide.

Soil Vapor and Ambient Air Sampling and Analysis

Soil vapor and ambient air sampling was conducted in accordance with the NYSDOH *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006, as amended (NYSDOH Guidance Document). The investigation program included the installation and leak-checking of one temporary soil vapor probe in the floor slab of each Site building (designated as SV-1, SV-2, SV-3, and SV-4), and the collection of a soil vapor sample at each probe location. Soil vapor samples were collected from immediately below the floor slab, in accordance with the NYSDOH Guidance Document. The locations of the soil vapor samples are shown on Figure 1. The soil vapor samples were collected utilizing the Vapor Pin[®] system. Prior to sample collection, the Vapor Pins[®] were leak-checked using a tracer gas (helium), to ensure a proper seal with the floor slab. After installation and leak-checking of the Vapor Pins[®], and prior to sample collection, a minimum of three volumes of air were purged from each probe using a hand-held PID.

The investigation also included the collection of two indoor ambient air samples from within the two occupied buildings at the site (designated as IA-1 and IA-2) to assess potential vapor intrusion into the buildings. The indoor ambient air samples were collected concurrently with the soil vapor samples and within the breathing zone, at a height of approximately five feet above the floor. These sample locations are also shown on Figure 1.

The scope of work also included the collection of an outdoor ambient air sample (designated OA-1) at an exterior location of the Site to establish background air quality. However, the outdoor ambient air sample could not be collected due to sampling equipment malfunction on the day of the investigation. This does not affect the assessment of the Site conditions.

The soil vapor and ambient air samples were collected over an approximately 2-hour period, into 6-liter, stainless steel Summa canisters provided by the laboratory. The flow rate for purging and sample collection did not exceed 0.2 liter per minute, as established by the NYSDOH Guidance Document. The Summa canisters were delivered to York under chain-of-custody protocols, for analysis of VOCs using U.S. Environmental Protection Agency (USEPA) Method TO-15. York is approved for these analyses under the NYSDOH ELAP. Soil vapor and ambient air sampling logs are provided in Appendix D.

Concurrently with the onset of sampling on August 30, 2024, Athenica conducted an inspection of the buildings' spaces to identify conditions that may interfere or influence the indoor air sample results (e.g., VOC sources within the areas that were sampled), in accordance with the NYSDOH Guidance Document. Potential sources of indoor air contaminants were documented on a NYSDOH Building Inventory Form. During the inspection, Athenica utilized a PID (Mini RAE 3000) to establish background VOC levels and evaluate potential sources of VOCs in the areas of the buildings that were being sampled, as well as the exterior of the Site. Photographs taken during the sampling and survey are included in Appendix A. The NYSDOH Building Inventory Form is included in Appendix E.

Following the completion of sampling, the temporary soil vapor points were removed, and the concrete slab at each sample location was restored with hydraulic cement.

ANALYTICAL RESULTS AND FINDINGS

Geophysical Survey and Site Inspection

There were no subsurface anomalies or potential structures/USTs identified by the geophysical survey of the Site. Please note that the detection capability and accuracy of geophysical equipment are dependent and will vary based upon soil conditions, surface and weather conditions, and interference from proximate signal sources.

Athenica's Site inspection identified no evidence of potential environmental concerns relating to USTs at the Site.

Soil Borings

Soil beneath the Site generally consisted of sand and clay, with varying amounts of fill materials on the top surface. The PID screening exhibited VOC levels up to 228 ppm in soil from SB-2, and there was visible evidence of petroleum impacts in the soil at this location. PID readings for all other soil samples did not exceed background.

The analytical results from the soil samples collected during this subsurface investigation were compared to Unrestricted Use Soil Cleanup Objectives (SCOs) and Commercial Use SCOs, as listed in 6 NYCRR Part 375. Parameters detected in soil are summarized in Table 1.

As shown in Table 1, five individual VOCs were detected in the soil samples at concentrations exceeding the Unrestricted Use SCOs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, and total xylenes in sample SB-2 and acetone (a typical laboratory contaminant) in sample SB-1. Six individual SVOCs were detected in sample SB-2 at concentrations exceeding the Unrestricted Use SCOs, including

benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. One additional SVOC, benzo(a)pyrene, was detected in sample SB-2 at concentrations above Unrestricted Use and Commercial Use SCOs (both of which are the same value).

The pesticide 4,4-DDT (at 0.00453 milligrams per kilogram (mg/Kg) within sample SB-4) was detected at a concentration exceeding its Unrestricted Use SCO. No other pesticides were detected at concentrations exceeding Unrestricted Use SCOs in the soil samples.

Six metals were detected in the soil samples at concentrations exceeding Unrestricted Use SCOs, including cadmium in sample SB-4; copper in samples SB-3 and SB-2-2; lead in samples SB-1, SB-3, and SB-2-2; nickel in samples SB-2 and SB-2-2; selenium in sample SB-2; and zinc in all soil samples. Additionally, five metals were detected at concentrations exceeding Commercial Use SCOs, including antimony in samples SB-2 and SB-2-2; arsenic in samples SB-1, SB-2, and SB-2-2; cadmium in sample SB-2; copper in samples SB-2 and SB-4; lead in samples SB-2 and SB-4. Mercury was also detected at concentrations exceeding Unrestricted Use SCOs in samples SB-1, SB-2, and SB-2-2.

Hexavalent chromium was detected at concentrations exceeding Unrestricted Use SCOs in samples SB-2, and SB-4. Total cyanide was not detected in any of the soil samples. Total PCBs were detected at concentrations exceeding Unrestricted Use SCOs in samples SB-1 and SB-2.

The laboratory analytical report is provided in Appendix F.

Temporary Monitoring Well Installation and Sampling

The PID screening of the headspace inside the monitoring wells showed VOC levels ranging from 0.5 parts ppm to 1.5 ppm, which are not considered to be elevated.

Groundwater sample results were evaluated by comparison to 6NYCRR Part 703.5 Class GA Groundwater Quality Standards and Guidance Values (GQS). Analytical results for compounds detected in the groundwater samples are summarized in Table 2. The laboratory analytical report for the groundwater samples is provided in Appendix F.

Review of the groundwater sample results show the following:

- No VOCs, SVOCs, pesticides, PCBs, hexavalent chromium, or total cyanide were detected above GQS in any of the groundwater samples.
- Seven metals were detected in the groundwater samples at concentrations exceeding GQS, including antimony in TW-3 at 9.21 micrograms per liter ($\mu\text{g/L}$); copper in TW-3 at 1,230 $\mu\text{g/L}$; lead in all wells, at concentrations ranging from 85.5 $\mu\text{g/L}$ to 3,720 $\mu\text{g/L}$; manganese in all wells, at concentrations ranging from 360 $\mu\text{g/L}$ to 947 $\mu\text{g/L}$; selenium in TW-3 at 20.4 $\mu\text{g/L}$; sodium in all wells, at concentrations ranging from 59,200 $\mu\text{g/L}$ to 71,600 $\mu\text{g/L}$; and zinc in TW-3 at 2,650 $\mu\text{g/L}$.
- Two dissolved metals were detected in the groundwater samples at concentrations exceeding GQS, including antimony in TW-3 at 12.7 $\mu\text{g/L}$ and sodium in all wells at concentrations ranging from 58,700 $\mu\text{g/L}$ to 73,300 $\mu\text{g/L}$.

- Mercury was detected in all groundwater samples at concentrations exceeding GQS ranging from 2.9 µg/L to 9.0 µg/L.

Soil Vapor and Ambient Air Sampling and Analysis

During the pre-sampling inspection, PID readings within the cellar of the Site building ranged between 2.0 and 4.9 ppm. The PID reading outside the Site building on the street was 0.0 ppm. These readings are not considered to be elevated. Potential VOC sources noted during the inspection included containers of paint, lacquer thinner, paint activators, engine oil, and waste oil tanks. The highest PID reading measured in soil vapor below the slab was 4.0 ppm at sample location SV-2; this reading is not considered to be elevated.

VOCs detected in the soil vapor and ambient air samples collected during this program are summarized in Table 3, and the laboratory analytical report is provided in Appendix F. As shown in Table 3, 54 individual VOCs were detected in the soil vapor samples. Detected VOCs included 1,1,1,2-tetrachloroethane, 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-trichloroethane, 1,1-dichloroethene, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichlorobenzene, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,4-dioxane, 2,2,4-trimethylpentane, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, acrylonitrile, benzene, bromodichloromethane, carbon disulfide, carbon tetrachloride, chlorobenzene, chloroform, chloromethane, cis-1,2-dichloroethene, cis-1,3-dichloropropene, cyclohexane, dibromochloromethane, dichlorodifluoromethane, ethyl acetate, ethyl benzene, hexachlorobutadiene, isopropanol, methyl methacrylate, methyl tert-butyl ether (MTBE), methylene chloride, naphthalene, n-heptane, n-hexane, o-xylene, m- & p-xylenes, p-ethyltoluene, propene, styrene, tetrachloroethene (PCE), tetrahydrofuran, toluene, trichloroethene (TCE), trichlorofluoromethane (Freon 11), vinyl chloride. The maximum individual VOC concentration detected in soil vapor was PCE in soil vapor sample SV-2, at 6,400 micrograms per cubic meter (µg/m³).

Thirty individual VOCs were detected in one or more of the indoor ambient air samples, at concentrations of up to 3,000 µg/m³ (acetone in indoor ambient air sample IA-1); acetone is a common laboratory contaminant, and was also detected in the laboratory's batch blank, so is not considered to be Site-related.

In accordance with the NYSDOH Guidance Document, the risk of vapor intrusion was evaluated by comparison of VOC concentrations in the indoor air and soil vapor samples, using the NYSDOH Guidance Document Decision Matrices (updated February 2024). These matrices include eight chlorinated VOCs (TCE, 1,1-dichloroethene, cis-1,2-dichloroethene, and carbon tetrachloride (Matrix A Compounds); PCE, methylene chloride, and 1,1,1-trichloroethane (Matrix B Compounds); and vinyl chloride (Matrix C Compound)); and twelve petroleum-related VOCs (benzene, ethylbenzene, naphthalene, cyclohexane, isooctane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and o-xylene (Matrix D Compounds); m- & p-xylenes, heptane, and hexane (Matrix E Compounds); and toluene (Matrix F Compound)).

Using these decision matrices for the data from SV-3/IA-1 resulted in a conclusion of “**Mitigate**” for PCE, “**Identify Source(s) and Resample or Mitigate**” for heptane, and “**No Further Action**” for the remaining seven chlorinated VOCs and 11 petroleum-related VOCs. Using these decision matrices for the data from SV-4/IA-2 resulted in a conclusion of “**Identify Source(s) and Resample or Mitigate**” for ethylbenzene,

o-xylene, m- & p-xylenes, and toluene, and “**No Further Action**” for the eight chlorinated VOCs and the remaining eight petroleum-related VOCs.

According to the NYSDOH Guidance Document, “**No Further Action**” means no additional actions are recommended to address human exposures to VOCs in soil vapor and indoor ambient air. “**Identify Source(s) and Resample or Mitigate**” means that reasonable and practical actions should be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. If sources cannot be identified, resampling (which may include additional soil vapor and ambient air samples) is recommended to demonstrate that further mitigation measures are not required. “**Mitigate**” means implementing temporary measures, such as sealing preferential pathways and installing a sub-slab depressurization system, along with monitoring, to reduce or prevent exposure to soil vapor intrusion until the contamination is fully remediated.

The assessment for these 20 VOCs is summarized in Table 4.

CONCLUSIONS AND RECOMMENDATIONS

Based on the geophysical survey and Site inspection, Athenica did not identify evidence of potential USTs, suspect UST graves, or other subsurface anomalies/structures.

The Site is located in an area zoned as M1-3 for light industry and manufacturing, and the current and recent usage of the Site buildings has been for auto repair and auto body repair shops. The soil data showed no detectable VOCs, pesticides, PCBs, mercury, hexavalent chromium, and total cyanide exceeding Commercial Use SCOs in any of the samples. Benzo(a)pyrene was detected in one sample (SB-2) at a concentration that slightly exceeds its Commercial Use SCO; no other SVOCs were detected at concentrations exceeding Commercial Use SCOs. Five metals were detected at concentrations exceeding Commercial Use SCOs, including antimony in samples SB-2 and SB-2-2; arsenic in samples SB-1, SB-2, and SB-2-2; cadmium in sample SB-2; copper in samples SB-2 and SB-4; lead in samples SB-2 and SB-4. Mercury was also detected at concentrations exceeding Unrestricted Use SCOs in samples SB-1, SB-2, and SB-2-2. Based on these results, Athenica concludes that the exceedances of SCOs are attributable to historic fill and/or the long history of industrial operations in the Site area, and that the Site is suitable for uses consistent with the zoning. Given the exceedance of metal concentrations above the Commercial Use SCOs identified at the Site, it is recommended that areas with elevated concentrations be characterized, delineated as hotspots, and then properly managed during removal or covered with an impervious surface to prevent exposure and limit contaminant migration. These measures will ensure that the Site remains suitable for light industry and manufacturing uses consistent with its zoning designation while protecting public health and the environment.

No VOCs, SVOCs, pesticides, PCBs, hexavalent chromium, or total cyanide were detected above GQS in any of the groundwater samples. The highest concentrations of metals, including antimony, copper, lead, manganese, selenium, sodium, and zinc, were detected in the upgradient well (TW-3) and significantly lower concentrations of these metals were detected in wells TW-1 and TW-2, both located downgradient of the presumed regional groundwater flow for the Site. As a result, it is concluded that these concentrations

detected in the groundwater samples are the result of an off-site upgradient source and that Site uses have not impacted groundwater quality at the Site.

The soil vapor and ambient air sampling data indicate that 54 individual VOCs were detected in soil vapor samples SV-1 through SV-4, and 30 individual VOCs were detected in indoor ambient air samples IA-1 and IA-2. The NYSDOH Guidance Document decision matrices for the data from SV-3/IA-1 resulted in a conclusion of “**Mitigate**” for PCE, “**Identify Source(s) and Resample or Mitigate**” for heptane, and “**No Further Action**” for the remaining seven chlorinated VOCs and 11 petroleum-related VOCs. Using these decision matrices for the data from SV-4/IA-2 resulted in a conclusion of “**Identify Source(s) and Resample or Mitigate**” for ethylbenzene, o-xylene, m- & p-xylenes, and toluene, and “**No Further Action**” for the eight chlorinated VOCs and the remaining eight petroleum-related VOCs. Additionally, the maximum individual VOC concentration detected in soil vapor was PCE in soil vapor sample SV-2, at 6,400 µg/m³. This elevated concentration would typically trigger a mitigation decision based on the NYSDOH decision matrices. However, since this sample was collected from an unoccupied building, immediate indoor air exposure is not a concern. Nevertheless, mitigation should still be considered if future occupancy is anticipated.

Please contact us at (718) 784-7490 if you have any questions or require additional information.

Sincerely,
ATHENICA ENVIRONMENTAL SERVICES, INC.



Kenneth P. Wenz, Jr., PG, LEP
Senior Project Manager

Enclosures

Figure



LEGEND:

	Site Boundary		Soil Vapor Point Designation
	Temporary Groundwater Monitoring Well Designation		Indoor Ambient Air Sample Designation
	Soil Boring Designation		Outdoor Ambient Air Sample Designation

ATHENICA ENVIRONMENTAL SERVICES, INC.
 Environmental Engineering Consultants

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 ASTORIA, NY 11106
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- Adapted from photos provided by Development Site Advisors, Imagery Date: 2023.

Date:	August 28, 2024
Drawn by:	Ahmed Shaheen
Checked by:	Kenneth P. Wenz Jr., PG, LEP
Drawing Scale:	As Drawn
Project No.:	24-132-1426

Site:	37-05 to 37-27 21st Street Long Island City, NY 11101 Phase II Environmental Site Assessment
Figure:	1
Title:	Sample Location Map

Tables

Table 1
Soil Sample Results
37-05 to 37-27 21st Street
Long Island City, NY 11101

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-4 24H2008-01 8/28/2024 10:55:00 AM		SB-1 24H2008-02 8/28/2024 11:20:00 AM		SB-3 24H2008-03 8/28/2024 12:00:00 PM		SB-2 24H2008-04 8/28/2024 12:30:00 PM		SB-2-2 24H2008-05 8/28/2024 12:50:00 PM	
			Soil		Soil		Soil		Soil		Soil	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatiles Organics, 8260 - Comprehensive												
Dilution Factor												
1,2,3-Trichloropropane	96-18-4	~	~	0.0024	U	0.0027	U	0.0030	U	0.1500	U	0.0020
1,2,4-Trimethylbenzene	95-63-6	3.6	190	0.0024	U	0.0490	U	0.0030	U	58	D	0.0020
1,3,5-Trimethylbenzene	108-67-8	8.4	190	0.0024	U	0.0500	U	0.0030	U	18	D	0.0020
2-Butanone	78-93-3	0.12	500	0.0024	U	0.0450	U	0.0030	U	0.0160	U	0.0020
Acetone	67-64-1	0.05	500	0.0150	U	0.1400	U	0.0170	U	0.0400	U	0.0039
Acrolein	107-02-8	~	~	0.0049	U	0.0120	U	0.0061	U	0.0630	U	0.0039
Benzene	71-43-2	0.06	44	0.0024	U	0.0095	U	0.0030	U	0.0870	U	0.0020
Cyclohexane	110-82-7	~	~	0.0024	U	0.0510	U	0.0030	U	7	D	0.0020
Ethyl Benzene	100-41-4	1	390	0.0024	U	0.0049	J	0.0030	U	0.380	U	0.0020
Isopropylbenzene	98-82-8	~	~	0.0024	U	0.0027	U	0.0030	U	0.0630	U	0.0020
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	500	0.0024	U	0.0400	U	0.0030	U	0.0180	U	0.0020
Methylcyclohexane	108-87-2	~	~	0.0024	U	0.0460	U	0.0030	U	4.600	D	0.0020
n-Butylbenzene	104-51-8	12	500	0.0024	U	0.0043	J	0.0030	U	4.500	D	0.0020
n-Propylbenzene	103-65-1	3.9	500	0.0024	U	0.0027	U	0.0030	U	0.180	U	0.0020
p-Xylene	95-47-6	~	~	0.0024	U	0.0270	U	0.0030	U	1.700	D	0.0020
p- & m- Xylenes	179601-23-1	~	~	0.0049	U	0.0520	U	0.0061	U	14	D	0.0039
p-Isopropyltoluene	99-87-6	~	~	0.0024	U	0.0027	U	0.0030	U	0.400	U	0.0020
sec-Butylbenzene	135-98-8	11	500	0.0024	U	0.0027	U	0.0030	U	0.0710	U	0.0020
Styrene	100-42-5	~	~	0.0024	U	0.0027	U	0.0030	U	0.00830	U	0.0020
tert-Butylbenzene	98-06-6	5.9	500	0.0024	U	0.0064	U	0.0030	U	0.00250	U	0.0020
Toluene	108-88-3	0.7	500	0.0024	U	0.0150	U	0.0030	U	0.0400	U	0.0020
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.0024	U	0.0027	U	0.0030	U	0.00410	J	0.0020
Xylenes, Total	1330-20-7	0.26	500	0.0073	U	0.0780	U	0.0091	U	16	D	0.0059
Semi-Volatiles, 8270 - Comprehensive												
Dilution Factor												
2-Methylnaphthalene	91-57-6	~	~	0.0491	U	0.0455	U	0.0489	U	1.680	D	0.0835
Acenaphthene	83-32-9	20	500	0.0491	U	0.0455	U	0.0489	U	0.148	D	0.0471
Acenaphthylene	208-96-8	100	500	0.0491	U	0.0455	U	0.0489	U	0.290	D	0.0955
Anthracene	120-12-7	100	500	0.0491	U	0.0455	U	0.0489	U	0.491	D	0.110
Benzo(a)anthracene	56-55-3	1	5.6	0.594	D	0.189	D	0.0489	U	1.920	D	0.289
Benzo(a)pyrene	50-32-8	1	1	0.676	D	0.148	D	0.0489	U	1.240	D	0.227
Benzo(b)fluoranthene	205-99-2	1	5.6	0.898	D	0.200	D	0.0489	U	2.430	D	0.350
Benzo(g,h,i)perylene	191-24-2	100	500	0.373	D	0.177	D	0.0489	U	1.200	D	0.235
Benzo(k)fluoranthene	207-08-9	0.8	56	0.395	D	0.0762	JD	0.0489	U	1.030	D	0.349
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.183	D	0.0455	U	0.0489	U	1.710	D	0.0471
Carbazole	86-74-8	~	~	0.0491	U	0.0455	U	0.0489	U	0.131	D	0.0471
Chrysene	218-01-9	1	56	0.609	D	0.162	D	0.0489	U	1.660	D	0.286
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	0.0720	JD	0.0551	JD	0.0489	U	0.339	D	0.0617
Di-n-butyl phthalate	84-74-2	~	~	0.798	D	0.0455	U	0.0489	U	0.0456	D	0.0471
Fluoranthene	206-44-0	100	500	0.469	D	0.281	D	0.0631	JD	2.860	D	0.372
Fluorene	86-73-7	30	500	0.0491	U	0.0455	U	0.0489	U	0.161	D	0.0471
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	0.403	D	0.195	D	0.0489	U	1.490	D	0.236
Naphthalene	91-20-3	12	500	0.0491	U	0.0455	U	0.0489	U	1.060	D	0.0474
Phenanthrene	85-01-8	100	500	0.0876	JD	0.125	D	0.0489	U	1.810	D	0.261
Pyrene	129-00-0	100	500	0.667	D	0.285	D	0.0694	JD	2.600	D	0.456
Pesticides, EPA TCL List												
Dilution Factor												
4,4'-DDT	50-29-3	0.0033	47	0.00453	D	0.00267	D	0.00192	U	0.00180	U	0.00185
Chlordane, total	57-74-9	~	~	0.00386	U	0.00669	D	0.00385	U	0.00359	U	0.00371
Metals, Target Analyte												
Dilution Factor												
Aluminum	7429-90-5	~	~	6,730	U	6,840	U	6,970	U	4,640	U	8,400
Antimony	7440-36-0	~	~	2,460	U	2,280	U	2,450	U	6,250	U	2,360
Arsenic	7440-38-2	13	16	8,760	U	5,010	U	6,100	U	43.400	U	22.100
Barium	7440-39-3	350	400	246	U	418	U	160	U	1,470	U	448
Beryllium	7440-41-7	7.2	590	0.138	U	0.0460	U	0.0490	U	0.0930	U	0.0480
Cadmium	7440-43-9	2.5	9.3	2.910	U	0.432	U	0.672	U	26.500	U	1,930
Calcium	7440-70-2	~	~	20,700	U	51,100	U	14,000	U	4,260	U	23,600
Chromium	7440-47-3	~	~	20,900	U	17,200	U	17	U	69,700	U	34,700
Cobalt	7440-48-4	~	~	5,380	U	5,850	U	8,290	U	6,130	U	9,310
Copper	7440-50-8	50	270	489	U	37,200	U	54,700	U	681	U	100
Iron	7439-89-6	~	~	26,900	U	14,300	U	19,900	U	151,000	D	40,800
Lead	7439-92-1	63	1000	1,070	U	898	U	766	U	2,680	U	969
Magnesium	7439-95-4	~	~	3,890	U	2,670	U	3,260	U	1,830	U	6,000
Manganese	7439-96-5	1600	10000	267	U	453	U	370	U	768	U	640
Nickel	7440-02-0	30	310	21,900	U	18,400	U	21,100	U	98.400	U	41.500
Potassium	7440-09-7	~	~	949	U	1,850	U	3,530	U	682	U	1,990
Selenium	7782-49-2	3.9	1500	2,460	U	2,280	U	2,450	U	7.460	U	2,360
Sodium	7440-23-5	~	~	186	U	201	U	263	U	259	U	370
Thallium	7440-28-0	~	~	2,460	U	2,280	U	2,450	U	4,220	U	2,360
Vanadium	7440-62-2	~	~	22,100	U	23,300	U	20,800	U	33,700	U	20,700
Zinc	7440-66-6	109	10000	858	U	355	U	237	U	6,670	D	866
Mercury by 7473												
Dilution Factor												
Mercury	7439-97-6	0.18	2.8	0.0797	U	0.518	U	0.0886	U	2.230	U	0.719
Chromium, Hexavalent												
Dilution Factor												
Chromium, Hexavalent	18540-29-9	1	400	2.410	U	0.701	U	0.589	U	4.260	U	0.568
Cyanide, Total												
Dilution Factor												
Cyanide, total	57-12-5	27	27	0.591	U	0.548	U	0.589	U	0.989	U	0.568
Total Solids												
Dilution Factor												
% Solids	solids	~	~	84.600	U	91.300	U	84.900	U	91	U	88.100
Polychlorinated Biphenyls (PCB)												
Dilution Factor												
Aroclor 1248	12672-29-6	~	~	0.0195	U	0.0592	U	0.0194	U	0.010	P	0.0187
Aroclor 1260	11096-82-5	~	~	0.0195	U	0.0458	U	0.0194	U	0.0690	U	0.0187
Total PCBs	1336-36-3	0.1	1	0.0195	U	0.105	U	0.0194	U	0.170	P	0.0187

NOTES:

Exceeds 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Exceeds 6NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Commercial

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

~=this indicates that no regulatory limit

Table 2
 Detected Analytes in Monitoring Well Samples
 37-05 to 37-27 21st Street
 Long Island City, NY 11101

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	TW-1 24H2169-01 8/30/2024 10:40:00 AM Ground Water			TW-2 24H2169-02 8/30/2024 12:00:00 PM Ground Water			TW-3 24H2169-03 8/30/2024 11:40:00 AM Ground Water		
		Compound	CAS Number	Result	Q	Result	Q	Result	Q	
				ug/L		ug/L		ug/L		
Volatile Organics, 8260 - Comprehensive			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
1,2,4-Trimethylbenzene	95-63-6	5	0.26	J	0.20	U	0.20	U		
1,2-Dichloropropane	78-87-5	1	0.22	J	0.20	U	0.20	U		
Acetone	67-64-1	50	1.1	J	11		1.9	J		
Chloromethane	74-87-3	5	0.20	U	0.94		0.2	U		
Isopropylbenzene	98-82-8	5	0.20	U	0.25	J	0.2	U		
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.33	J	0.20	U	0.2	U		
Semi-Volatiles, 8270 - Comprehensive			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Acenaphthene	83-32-9	20	0.051	U	0.294		0.0565	U		
Fluoranthene	206-44-0	50	0.204		0.0565	U	0.0565	U		
Naphthalene	91-20-3	10	0.245		0.271		0.0565	U		
Pesticides, 8081 target list			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Metals, Target Analyte, ICP			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Aluminum	7429-90-5	~	671		6,400		8,400			
Barium	7440-39-3	1000	529		775		558			
Calcium	7440-70-2	~	404,000		204,000		199,000			
Chromium	7440-47-3	50	5.56	U	12.7		22.1			
Cobalt	7440-48-4	~	4.44	U	10.8		18.3			
Copper	7440-50-8	200	22.2	U	166		1,230			
Iron	7439-89-6	~	805		8,700		20,700			
Lead	7439-92-1	25	85,500		3,260		3,720			
Magnesium	7439-95-4	35000	18,700		22,400		30,200			
Manganese	7439-96-5	300	360		925		947			
Nickel	7440-02-0	100	11.1	U	14.6		54			
Potassium	7440-09-7	~	14,900		10,200		24,800			
Sodium	7440-23-5	20000	67,000		59,200		71,600			
Vanadium	7440-62-2	~	11.1	U	42.2		53.9			
Zinc	7440-66-6	2000	259		762		2,650			
Metals, Target Analyte, ICP Dissolved			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Aluminum	7429-90-5	~	55.6	U	107		60.2			
Barium	7440-39-3	1000	334		211		145			
Calcium	7440-70-2	~	124,000		101,000		124,000			
Magnesium	7439-95-4	35000	18,200		15,400		13,000			
Manganese	7439-96-5	300	95.6		103		175			
Potassium	7440-09-7	~	13,800		9,210		24,500			
Sodium	7440-23-5	20000	62,500		58,700		73,300			
Zinc	7440-66-6	2000	56.5		37.5		117			
Metals, Target Analyte, ICPMS			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Antimony	7440-36-0	3	1.11	U	1.11	U	9.210			
Arsenic	7440-38-2	25	2.38		4.46		7.240			
Beryllium	7440-41-7	3	0.333	U	0.677		0.903			
Cadmium	7440-43-9	5	0.617		1.53		4.59			
Selenium	7782-49-2	10	1.11	U	8.86		20.400			
Metals, Target Analyte, ICPMS Dissolved			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Antimony	7440-36-0	3	1.11	U	1.11	U	12.700			
Arsenic	7440-38-2	25	1.11	U	1.11	U	1.37			
Selenium	7782-49-2	10	3.30		1.11	U	9.02			
Mercury by 7470/7471			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Mercury	7439-97-6	0.7	4		2,900		9			
Mercury, Dissolved			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Mercury	7439-97-6	0.7	0.20	U	0.20		0.20	U		
Chromium, Hexavalent			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Cyanide, Total			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		
Cyanide, total	57-12-5	200	37		10	U	10	U		
Polychlorinated Biphenyls (PCB)			ug/L	ug/L		ug/L		ug/L		
Dilution Factor			1	1	1	1	1	1		

NOTES:

Exceeds Class GA Groundwater Quality Standards

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

~=this indicates that no regulatory limit has been established for this analyte

Table 3
 Detected Compounds in Soil Vapor and Ambient Air (Hits Only)
 37-05 to 37-27 21st Street
 Long Island City, NY 11101

Sample ID York ID	SV-1 24H2173-01 8/30/2024 11:15:00 AM Soil Vapor	SV-2 24H2173-02 8/30/2024 12:30:00 PM Soil Vapor	SV-3 24H2173-03 8/30/2024 11:50:00 AM Soil Vapor	SV-4 24H2173-04 8/30/2024 11:49:00 AM Soil Vapor	IA-1 24H2173-05 8/30/2024 11:17:00 AM Indoor Ambient Air		IA-2 24H2173-06 8/30/2024 11:49:00 AM Indoor Ambient Air		
					Result	Q	Result	Q	Result
Client Matrix	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.623		31.66		15.29		2.924	
1,1,1,2-Tetrachloroethane	630-20-6	1.1	U	11	U	10	U	2	D
1,1,1-Trichloroethane	71-55-6	0.89	U	8.6	U	8.3	U	2.4	D
1,1,2,2-Tetrachloroethane	79-34-5	1.1	U	11	U	10	U	2.2	D
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.2	U	12	U	12	U	2.2	D
1,1,2-Trichloroethane	79-00-5	0.89	U	8.6	U	8.3	U	1.6	D
1,1-Dichloroethene	75-35-4	0.16	U	1.6	U	1.5	U	0.81	D
1,2,4-Trichlorobenzene	120-82-1	1.2	U	12	U	11	U	2.2	D
1,2,4-Trimethylbenzene	95-63-6	1.2	D	7.8	U	7.5	U	10	D
1,2-Dibromoethane	106-93-4	1.2	U	12	U	12	U	2.2	D
1,2-Dichlorobenzene	95-50-1	0.98	U	9.5	U	9.2	U	1.9	D
1,2-Dichloropropane	78-87-5	0.75	U	7.3	U	7.1	U	1.9	D
1,3,5-Trimethylbenzene	108-67-8	0.80	U	7.8	U	7.5	U	4.3	D
1,3-Dichlorobenzene	541-73-1	0.98	U	9.5	U	9.2	U	1.9	D
1,4-Dichlorobenzene	106-46-7	0.98	U	9.5	U	9.2	U	2.5	D
1,4-Dioxane	123-91-1	1.2	U	170	D	130	D	35	D
2,2,4-Trimethylpentane	540-84-1	0.61	D	14	D	3.6	J	6.6	D
2-Butanone	78-93-3	6.7	BD	69	BD	20	BD	20	BD
2-Hexanone	591-78-6	1.3	U	13	U	13	U	3.4	D
4-Methyl-2-pentanone	108-10-1	2.2	D	16	D	6.3	U	5.9	D
Acetone	67-64-1	50	BD	1,300	BD	460	BD	200	BD
Acrylonitrile	107-13-1	0.35	U	27	D	3.3	U	2.0	D
Benzene	71-43-2	0.52	U	10	D	4.9	U	3.0	D
Bromodichloromethane	75-27-4	1.1	U	11	U	10	U	2.2	D
Carbon disulfide	75-15-0	1.9	D	120	D	4.8	U	2.5	D
Carbon tetrachloride	56-23-5	0.61	D	2.5	U	2.4	U	3.1	D
Chlorobenzene	108-90-7	0.75	U	7.3	U	7	U	1.6	D
Chloroform	67-66-3	0.79	U	39	D	9	D	2.6	D
Chloromethane	74-87-3	0.74	D	3.3	U	3.2	U	0.60	U
cis-1,2-Dichloroethene	156-59-2	0.16	U	1.9	D	3.0	D	2.8	D
cis-1,3-Dichloropropene	10061-01-5	0.74	U	7.2	U	6.9	U	1.3	D
Cyclohexane	110-82-7	0.56	U	7.1	D	5.3	U	13	D
Dibromochloromethane	124-48-1	1.4	U	13	U	13	U	2.5	D
Dichlorodifluoromethane	75-71-8	2.6	D	7.8	U	47	D	3.2	D
Ethyl acetate	141-78-6	1.2	U	11	U	11	U	22	D
Ethyl Benzene	100-41-4	2.5	D	25	D	32	D	34	D
Hexachlorobutadiene	87-68-3	1.7	U	17	U	16	U	4.1	D
Isopropanol	67-63-0	5.1	D	59	D	27	D	74	D
Methyl Methacrylate	80-62-6	0.66	U	6.5	U	6.3	U	11	D
Methyl tert-butyl ether (MTBE)	1634-04-4	0.59	U	5.7	D	5.5	U	1.1	U
Methylene chloride	75-09-2	1.2	D	11	U	11	U	4.4	D
Naphthalene	91-20-3	1.7	U	17	U	16	U	9.2	D
n-Heptane	142-82-5	1.5	D	14	D	11	D	16	D
n-Hexane	110-54-3	0.6	U	7.8	D	5.4	U	3.0	D
o-Xylene	95-47-6	3.3	D	26	D	42	D	44	D
p- & m- Xylenes	179601-23-1	10	D	90	D	130	D	120	D
p-Ethyltoluene	622-96-8	1.0	D	7.8	U	7.5	U	7.6	D
Propylene	115-07-1	0.67	D	21	D	3.4	D	2.7	D
Styrene	100-42-5	1.5	D	6.7	U	6.5	U	5.7	D
Tetrachloroethene (PCE)	127-18-4	1.1	U	6,400	D	1,100	D	150	D
Tetrahydrofuran	109-99-9	0.96	U	9.3	U	9.0	U	3.4	D
Toluene	108-88-3	16	D	98	D	7.5	D	67	D
Trichloroethene (TCE)	79-01-6	0.22	U	35	D	22	D	3.8	D
Trichlorofluoromethane (Freon 11)	75-69-4	1.6	D	8.9	U	8.6	U	3.1	D
Vinyl Chloride	75-01-4	0.21	U	4.5	D	2.0	U	0.37	U

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 4
 NYSDOH Decision Matrices Comparison
 37-05 to 37-27 21st Street
 Long Island City, NY 11101

Sample ID	SV-3	IA-1	NYSDOH Matrix Decision Outcome	SV-4	IA-2	NYSDOH Matrix Decision Outcome
Lab Sample ID	24H2173-03	24H2173-05		24H2173-04	24H2173-06	
Sampling Date	8/30/2024	8/30/2024		8/30/2024	8/30/2024	
Client Matrix	Soil Vapor	Indoor Ambient Air		Soil Vapor	Indoor Ambient Air	
Dilution Factor	15.29	29.24		2.924	5.816	
Unit of Measurement	ug/m3	ug/m3		ug/m3	ug/m3	
Matrix A Compounds						
Carbon tetrachloride	<2.4	0.64	No Further Action	3.10	0.63	No Further Action
Trichloroethene (TCE)	22	<0.10	No Further Action	3.8	<0.10	No Further Action
cis-1,2-Dichloroethene	3.0	<0.08	No Further Action	2.8	<0.08	No Further Action
1,1-Dichloroethene	<1.5	<0.08	No Further Action	0.80	<0.08	No Further Action
Matrix B Compounds						
1,1,1-Trichloroethane	<8.3	<0.43	No Further Action	2.4	<0.42	No Further Action
Tetrachloroethene (PCE)	1,100	3.1	Mitigate	150	1.6	No Further Action
Methylene chloride	<11	0.84	No Further Action	4.4	1.4	No Further Action
Matrix C Compounds						
Vinyl Chloride	<2.0	<0.10	No Further Action	<0.4	<0.10	No Further Action
Matrix D Compounds						
Benzene	<4.9	3.4	No Further Action	3.0	0.99	No Further Action
Ethylbenzene	32	1.9	No Further Action	34	14	Identify Source(s) and Resample or Mitigate
Naphthalene	<16.0	1.0	No Further Action	9.2	<0.81	No Further Action
Cyclohexane	<5.3	1.5	No Further Action	13	1.0	No Further Action
2,2,4-Trimethylpentane	3.6 J	4.8	No Further Action	6.6	5.6	No Further Action
1,2,4-Trimethylbenzene	<7.5	1.2	No Further Action	10	4.4	No Further Action
1,3,5-Trimethylbenzene	<7.5	0.38	No Further Action	4.3	1.5	No Further Action
o-Xylene	42	2.4	No Further Action	44	16	Identify Source(s) and Resample or Mitigate
Matrix E Compounds						
p- & m- Xylenes	130	6.6	No Further Action	120	54	Identify Source(s) and Resample or Mitigate
Heptane	11	61	Identify Source(s) and Resample or Mitigate	16	12	No Further Action
Hexane	<5.4	2.6	No Further Action	16	4.0	No Further Action
Matrix F Compounds						
Toluene	7.5	14	No Further Action	67	190	Identify Source(s) and Resample or Mitigate

Appendix A

Photographs



Partial view of the exterior of the Site showing the auto repair shops.



Partial view of an unoccupied building on the Site lot.



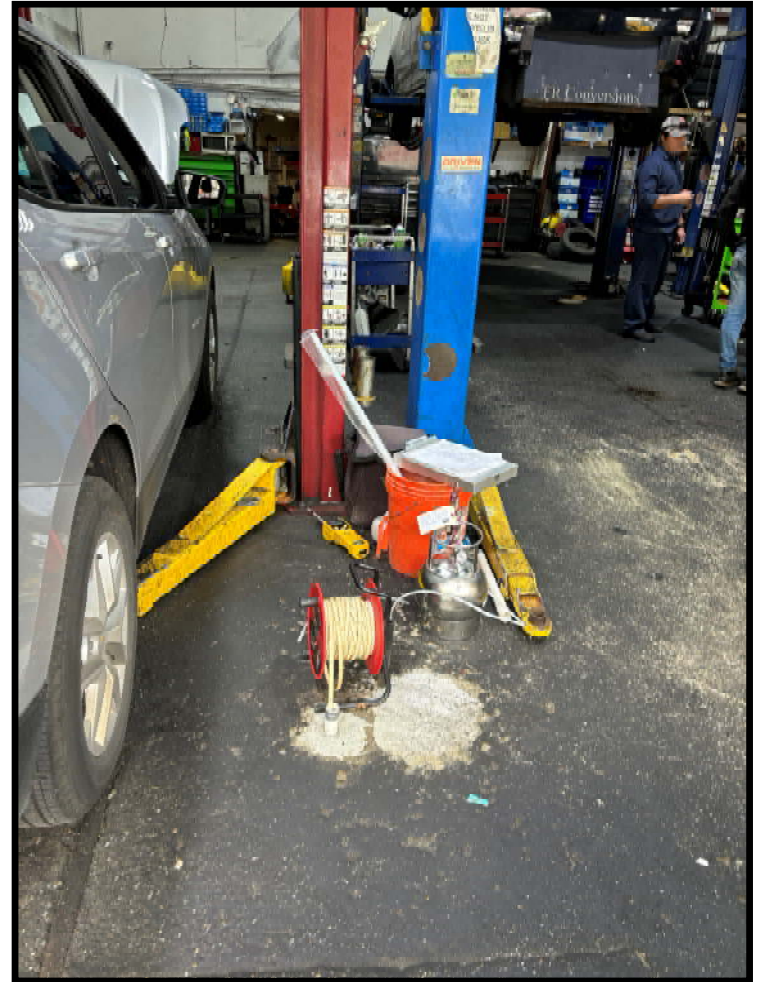
View of the open area in the Site where a geophysical survey was conducted where accessible.



Typical view of soil boring being screened for VOCs by PID and geologically logged. SB-2 had an apparent petroleum impact odor and staining in the 0-2 feet interval.



Typical view of the Geoprobe installing a temporary monitoring well.



Typical view of the groundwater well being gauged and soil vapor sampling ongoing.



Typical view of a soil vapor point installed using Vapor Pin.



Typical view of the leak test using helium gas being conducted at a soil vapor point.



Typical view of a soil vapor point being purged with a PID, measuring 4.0 ppm.



View of a PID reading of 3.1 ppm near a waste oil tank stored at one of the unoccupied Site buildings.



View of a PID reading of 1.3 ppm near a lacquer thinner container stored at one of the unoccupied Site buildings.



View of a PID reading of 1.7 ppm near a waste oil tank stored at an auto repair shop at the Site.



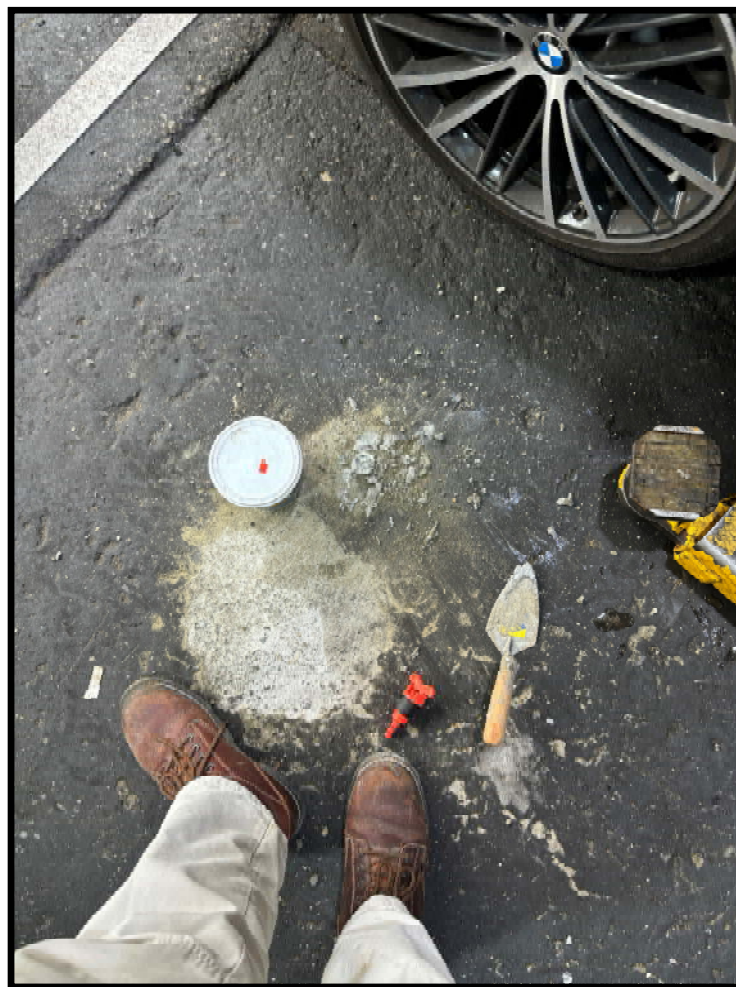
View of a PID reading of 1.6 ppm near a coolant company stored at the auto repair shop.



View of a PID reading of 2.9 ppm near paint containers stored at the auto body repair shop at the Site.




View of a PID reading of 7.8 ppm near an acrylic coating container stored at the auto body repair shop at the Site.



Typical view of a soil vapor point restored with hydraulic cement after collection of the soil vapor sample.

Appendix B
Boring Logs


 <p>31-33 31st Street, 2nd Floor Astoria, NY 11106 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com</p>	Client: Savas Tsitirdidis	Boring Number: SB-1
	Job Name: 37-05 to 37-27 21st Street, LIC Job Number: 24-132-1426	Boring Location: As in Figure 1
Field Representatives: Ahmed Shaheen	Site Location: 37-05 to 37-27 21st Street Long Island City, NY 11101	Drilling Rig Type: Direct Push: Geoprobe 7822DT Casing Sampler Type: Acetate Sleeve
Groundwater Observations: ~15'	Approximate Site Elevation: ~17' above mean sea level	Date Start: 8/28/2024 Date Completed: 8/28/2024

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0'-2')		Dry	6.1	Concrete
2'	(2'-4')	40	Dry	12.1	Same as Above
4'	(4'-6')		Dry	25.9	Dark grey sand with some silt, no odor or stain
6'	(6'-8')	45	Dry	5.5	Fill material
8'	(8'-10')		Dry	5.5	Brown clay with high plasticity, no odor
10'	(10'-12')		Dry	12.7	Grey sand with intervals of fill material, no odor
12'	(12'-14')	45	Dry	4.4	Same as Above
14'	(14'-16')		Wet	3.7	Same as Above
16'	(16'-18')				
18'	(18'-20')				

Boring Depth: 15'

G - grab sample collected for analysis

bgs - below ground surface


 <p>31-33 31st Street, 2nd Floor Astoria, NY 11106 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com</p>	Client: Savas Tsitirdidis	Boring Number: SB-2
	Job Name: 37-05 to 37-27 21st Street, LIC Job Number: 24-132-1426	Boring Location: As in Figure 1
Field Representatives: Ahmed Shaheen	Site Location: 37-05 to 37-27 21st Street Long Island City, NY 11101	Drilling Rig Type: Direct Push: Geoprobe 7822DT Casing Sampler Type: Acetate Sleeve
Groundwater Observations: ~15'	Approximate Site Elevation: ~17' above mean sea level	Date Start: 8/28/2024 Date Completed: 8/28/2024

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0-2')		Dry	2.2	Concrete
2'	(2-4')	55	Dry	228	Black silty sand with distinct petroleum odor and black stain
4'	(4-6')		Dry	83	Dark brown silty sand, no odor, no stain
6'	(6-8')	35	Dry	10.1	Fill material
8'	(8-10')		Dry	5.9	Brown medium grain sand, no odor, no stain
10'	(10'-12')		Dry	9.7	Same as Above
12'	(12'-14')	10	Dry	9.7	Brown clay with high plasticity, no odor, no stain
14'	(14'-16')		Wet	6.5	Same as Above
16'	(16'-18')				
18'	(18'-20')				

Boring Depth: 15'

G - grab sample collected for analysis

bgs - below ground surface


 <p>31-33 31st Street, 2nd Floor Astoria, NY 11106 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com</p>	Client: Savas Tsitirdidis	Boring Number: SB-3
	Job Name: 37-05 to 37-27 21st Street, LIC Job Number: 24-132-1426	Boring Location: As in Figure 1
Field Representatives: Ahmed Shaheen	Site Location: 37-05 to 37-27 21st Street Long Island City, NY 11101	Drilling Rig Type: Direct Push: Geoprobe 7822DT Casing Sampler Type: Acetate Sleeve
Groundwater Observations: ~14'	Approximate Site Elevation: ~17' above mean sea level	Date Start: 8/28/2024 Date Completed: 8/28/2024

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0'-2')		Dry	0.8	Concrete
2'	(2'-4')	45	Dry	3.1	Fill material
4'	(4'-6')		Dry	2.2	Same as Above
6'	(6'-8')	40	Dry	3.2	Dark grey sand with intervals of fill material, no odor, no stain
8'	(8'-10')		Dry	2.8	Reddish brown silt, no odor, no stain
10'	(10'-12')		Dry	3.6	Dark grey medium grain sand with pebbles, no odor, no stain
12'	(12'-14')	35	Dry	3.6	Same as Above
14'	(14'-16')		Wet	3.6	Dark brown clay with high plasticity, no odor, no stain
16'	(16'-18')				
18'	(18'-20')				

Boring Depth: 15'

G - grab sample collected for analysis

bgs - below ground surface

 ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Engineering Consultants 31-33 31st Street, 2nd Floor Astoria, NY 11106 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com	Client: Savas Tsitirdidis	Boring Number: SB-4
	Job Name: 37-05 to 37-27 21st Street, LIC Job Number: 24-132-1426	Boring Location: As in Figure 1
Field Representatives: Ahmed Shaheen	Site Location: 37-05 to 37-27 21st Street Long Island City, NY 11101	Drilling Rig Type: Direct Push: Geoprobe 7822DT Casing Sampler Type: Acetate Sleeve
Groundwater Observations: ~15'	Approximate Site Elevation: ~17' above mean sea level	Date Start: 8/28/2024 Date Completed: 8/28/2024

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0-2')		Dry	3.6	Concrete
2'	(2'-4')	47	Dry	3.6	Dark brown silt with intervals of fill material, no odor, no stain
4'	(4'-6')		Dry	3.6	Fill material
6'	(6'-8')	30	Dry	3.7	Same as Above
8'	(8'-10')		Dry	3.7	Brown silt with intervals of fill material, no odor, no stain
10'	(10'-12')		Dry	3.7	Dark brown coarse grain sand with intervals of pebbles, no odor, no stain
12'	(12'-14')	18	Dry	3.8	Same as Above
14'	(14'-16')		Wet	3.8	Dark brown coarse grain sand with intervals of fill material, no odor, no stain
16'	(16'-18')	15	Wet	3.6	Dark brown clay with high plasticity, no odor, no stain
18'	(18'-20')		Wet	3.5	Same as Above

Boring Depth: 20'

G - grab sample collected for analysis

bgs - below ground surface

Appendix C
Groundwater Gauging Table

Appendix D
Soil Vapor and Ambient Air Sampling Log



ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

31-33 31st Street, 2nd Floor
 Astoria, NY 11106
 p: 718-784-7490 f: 718-784-4085
 e: info@athenica.com

Site Address: 37-05 to 37-27 21st Street, LIC, NY 11101

Job Number: 24-132-1426

Field Representative: Ahmed Shaheen & Jessica Collins

Weather: 71 deg. F, Light rain

Start Date: 8/30/2024

End Date: 8/30/2024

Sample Identification			Flow Controller Readout (L/min)	Sampling Time		Cannister Pressure (Hg)	
Athenica Sample ID	Laboratory Cannister #	Controller #		Start	End	Start	End
SV-1	36450	17187	< 0.2	9:23	11:15	-30	-5
SV-2	4828	12011	< 0.2	10:44	12:38	-30	-5
SV-3	17352	5120	< 0.2	9:26	11:50	-30	-5
SV-4	18300	16422	< 0.2	9:31	11:49	-30	-4
IA-1	48292	5707	< 0.2	9:27	11:17	-30	-2
IA-2	48290	19408	< 0.2	9:32	11:49	-30	-6
OA-1	-	-	-	-	-	-	-

Appendix E
NYSDOH Building Inventory Form

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Ahmed Shaheen Date/Time Prepared 8/30/2024 13:00

Preparer's Affiliation Athenica Env. Services Phone No. 718-784-7490

Purpose of Investigation SVI & Ambient Air Quality

1. OCCUPANT:

Interviewed: Y / ~~N~~

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant)

Interviewed: Y / ~~N~~

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

- | | | |
|-------------|--------|-----------------------------|
| Residential | School | <u>Commercial/Multi-use</u> |
| Industrial | Church | Other: _____ |

If the property is residential, type? (Circle appropriate response)

- | | | |
|--------------|-----------------|-------------------|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: _____ |

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Auto repair workshops

Does it include residences (i.e., multi-use)? Y N If yes, how many? N/A

Other characteristics:

Number of floors 1

Building age ~2003

Is the building insulated? Y N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick Steel frame
- b. Basement type: full crawlspace slab other N/A
- c. Basement floor: concrete dirt stone other N/A
- d. Basement floor: uncovered covered covered with N/A
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other N/A
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: N/A wet damp dry moldy
- i. The basement is: N/A finished unfinished partially finished
- j. Sump present? Y N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: N/A (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

hairline cracks in floor slabs

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- Hot air circulation Heat pump Hot water baseboard
- Space Heaters Steam radiation Radiant floor
- Electric baseboard Wood stove Outdoor wood boiler Other N/A

The primary type of fuel used is: N/A

- Natural Gas Fuel Oil Kerosene
- Electric Propane Solar
- Wood Coal

Domestic hot water tank fueled by: N/A

Boiler/furnace located in: Basement Outdoors Main Floor Other N/A

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y/N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Four horizontal lines for describing ductwork, with a diagonal line drawn through them.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Table with 2 columns: Level, General Use of Each Floor. Rows: Basement (N/A), 1st Floor (37-25: Auto repair shop; 37.05: Auto body repair; remaining unoccupied), 2nd Floor (N/A), 3rd Floor, 4th Floor.

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y/N
b. Does the garage have a separate heating unit? Y/N/NA
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y/N/NA Please specify Auto repair shop
d. Has the building ever had a fire? Y/N When?
e. Is a kerosene or unvented gas space heater present? Y/N Where?
f. Is there a workshop or hobby/craft area? Y/N Where & Type? Auto repair shop
g. Is there smoking in the building? Y/N How frequently?
h. Have cleaning products been used recently? Y/N When & Type?
i. Have cosmetic products been used recently? Y/N When & Type?

- j. Has painting/staining been done in the last 6 months? Y N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y N Where & When? _____
- l. Have air fresheners been used recently? Y N When & Type? _____
- m. Is there a kitchen exhaust fan? Y N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y N If yes, where vented? _____
- o. Is there a clothes dryer? Y N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y N When & Type? _____

Are there odors in the building?

If yes, please describe: Auto repair petroleum related odors Y N

Do any of the building occupants use solvents at work? Y N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? Paints & Paint Solvent & thinners

If yes, are their clothes washed at work?

Y N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

No

Unknown

Is there a radon mitigation system for the building/structure? Y N Date of Installation: N/A

Is the system active or passive? N/A Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: N/A

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: N/A

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

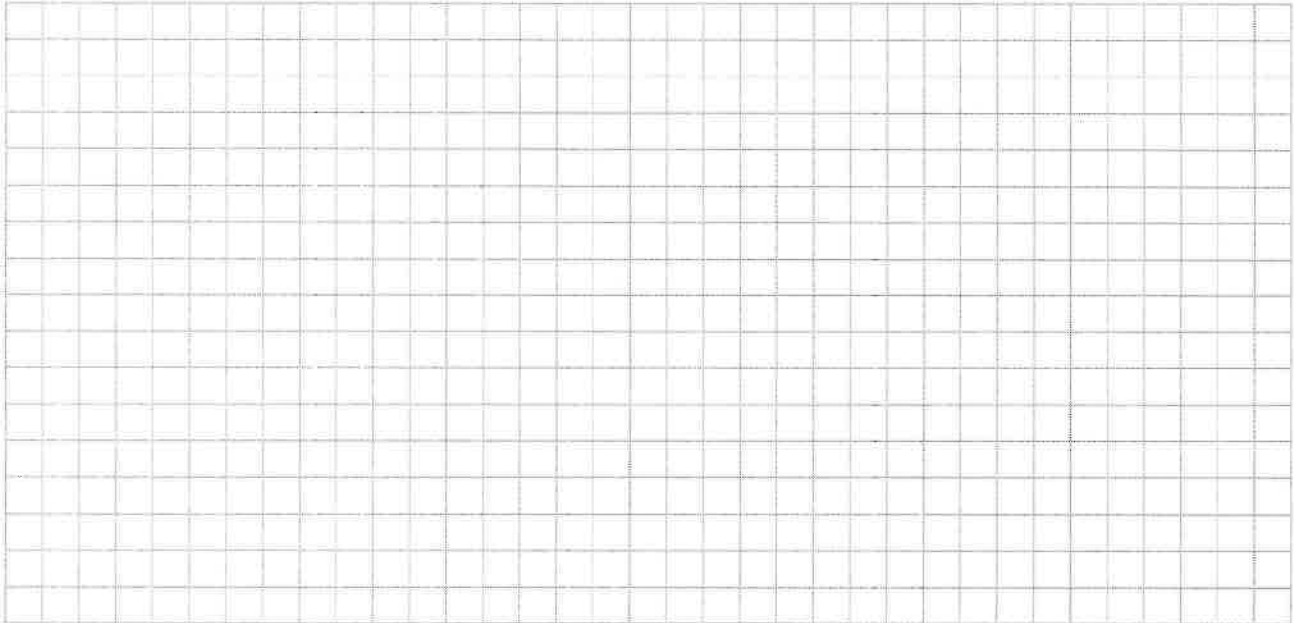
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

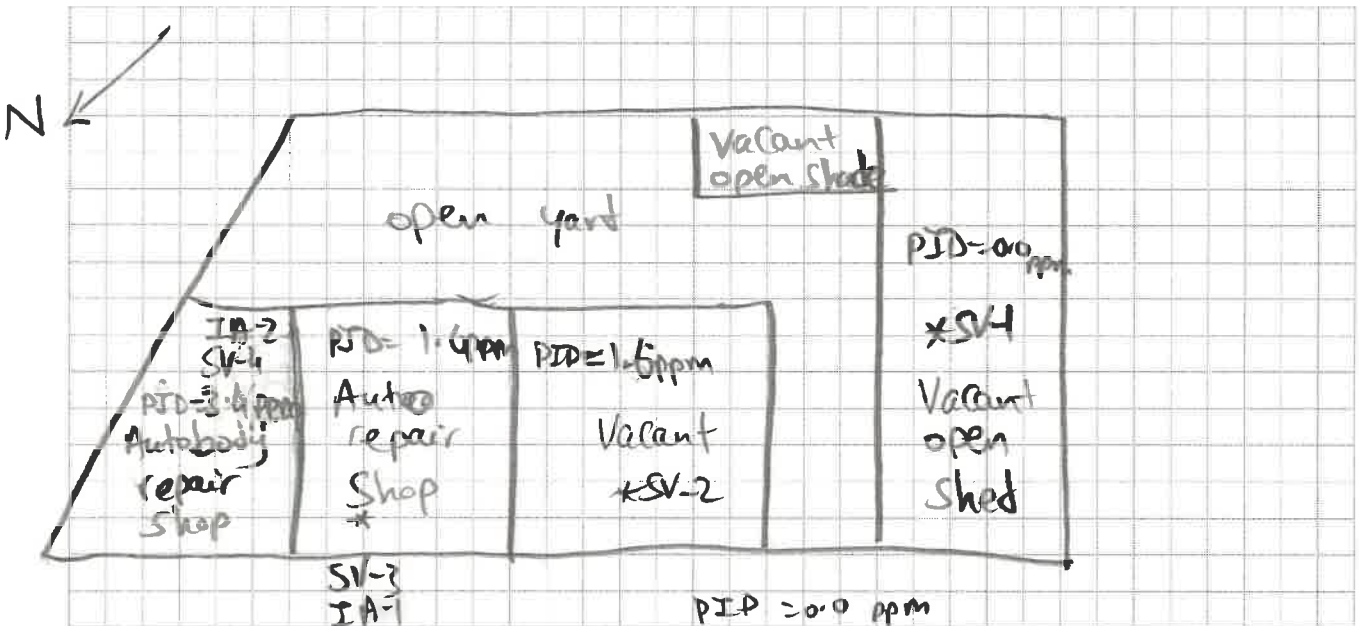
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement: N/A



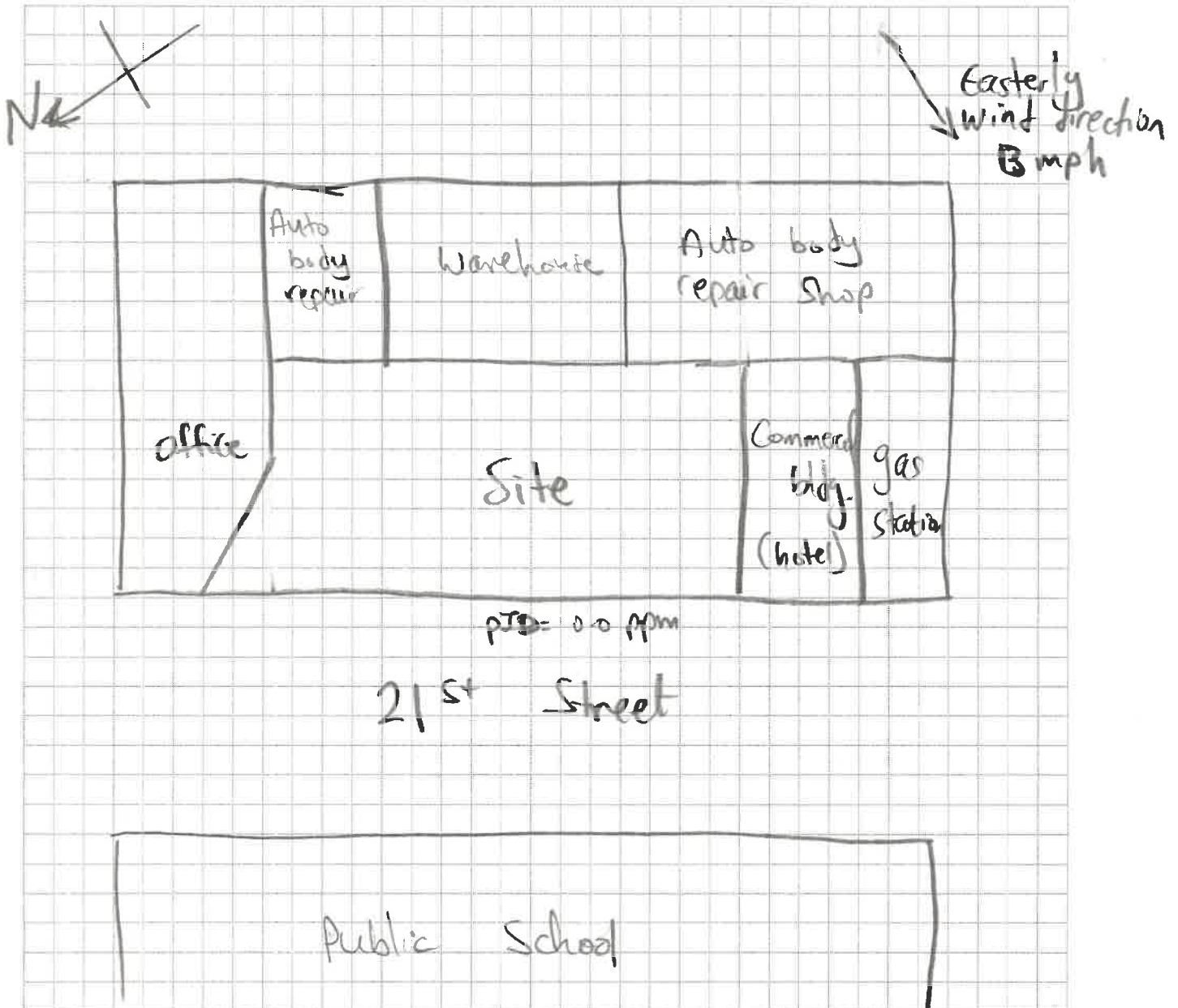
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

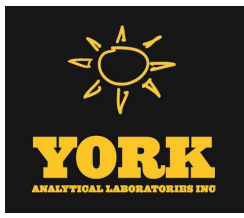
Make & Model of field instrument used: MiniRAE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y/N
37-25	Laquer Thinner	5 gal	U		0.5 ppm	Y
"	Cry Wash drying Agent	55 gal	U		3.1 ppm	Y
"	motor oil	1 qt	U		0.7 ppm	Y
"	waste oil tank	275 gal	U		1.7 ppm	Y
37-07	Antifreeze/coolant	1 gal	U		1.6 ppm	Y
"	waste oil tank	275 gal	U		1.7 ppm	Y
37-05	Paint cans	~1 qt	U		2.9 ppm	Y
"	Acrylic Coating	128 oz	U		6.9 ppm	Y
"	Medium Activator	1 qt	U		5.5 ppm	Y

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix F
Laboratory Analytical Report



Technical Report

prepared for:

Athenica Environmental Services, Inc.
31-33 31st Street 2nd Floor,
Astoria NY, 11106
Attention: Ken Wenz

Report Date: 09/05/2024
Client Project ID: 37-05 to 37-27 21 Street
York Project (SDG) No.: 24H2008

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/05/2024
Client Project ID: 37-05 to 37-27 21 Street
York Project (SDG) No.: 24H2008

Athenica Environmental Services, Inc.
31-33 31st Street 2nd Floor,
Astoria NY, 11106
Attention: Ken Wenz

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 August 29, 2024 and listed below. The project was identified as your project: **37-05 to 37-27 21 Street**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H2008-01	SB-4	Soil	08/28/2024	08/29/2024
24H2008-02	SB-1	Soil	08/28/2024	08/29/2024
24H2008-03	SB-3	Soil	08/28/2024	08/29/2024
24H2008-04	SB-2	Soil	08/28/2024	08/29/2024
24H2008-05	SB-2-2	Soil	08/28/2024	08/29/2024

General Notes for York Project (SDG) No.: 24H2008

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

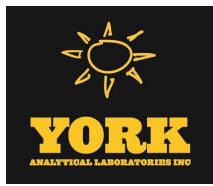
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/05/2024





Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.
24H2008

Client Project ID
37-05 to 37-27 21 Street

Matrix
Soil

Collection Date/Time
August 28, 2024 10:55 am

Date Received
08/29/2024

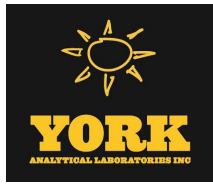
Volatile Organics, 8260 - Comprehensive

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	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:05	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

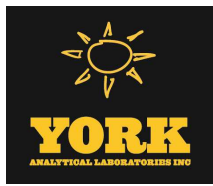
Volatile Organics, 8260 - Comprehensive

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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
67-64-1	Acetone	0.015	ICVE, QL-02	mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

Matrix

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37-05 to 37-27 21 Street

Soil

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08/29/2024

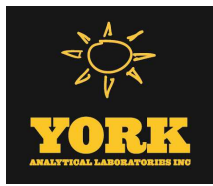
Volatile Organics, 8260 - Comprehensive

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

Volatile Organics, 8260 - Comprehensive

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
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:05	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:05	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:05	ME

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	110 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	98.2 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %	76-130

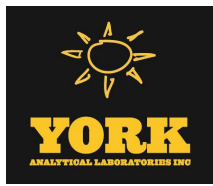
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL



Sample Information

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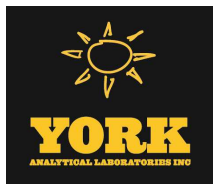
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

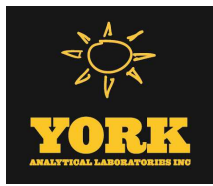
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
56-55-3	Benzo(a)anthracene	0.594		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL



Sample Information

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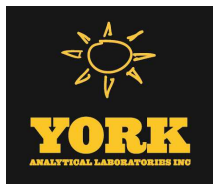
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	0.676		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
205-99-2	Benzo(b)fluoranthene	0.898		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
191-24-2	Benzo(g,h,i)perylene	0.373		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
207-08-9	Benzo(k)fluoranthene	0.395		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
117-81-7	Bis(2-ethylhexyl)phthalate	0.183		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
218-01-9	Chrysene	0.609		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
53-70-3	Dibenzo(a,h)anthracene	0.0720	J	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
84-74-2	Di-n-butyl phthalate	0.798		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL



Sample Information

Client Sample ID: SB-4

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37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

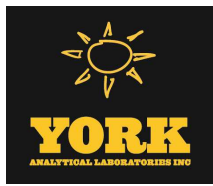
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0979	0.196	2	EPA 8270E Certifications:	09/03/2024 12:59	09/04/2024 09:42	LL
206-44-0	Fluoranthene	0.469		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 09:42	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.403	CCVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
85-01-8	Phenanthrene	0.0876	J	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 09:42	LL
129-00-0	Pyrene	0.667	CCVE	mg/kg dry	0.0491	0.0979	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 09:42	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.9 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	73.5 %	23-114								



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	91.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	88.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	99.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	94.7 %			24-116						

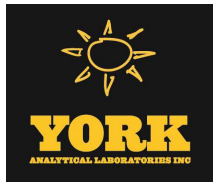
Pesticides, EPA TCL List

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
50-29-3	4,4'-DDT	0.00453		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.00386	0.00386	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	09/01/2024 08:11	09/03/2024 12:35	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

Pesticides, EPA TCL List

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
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00965	0.00965	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.0977	0.0977	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:35	SCB
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	89.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	62.1 %	30-140								

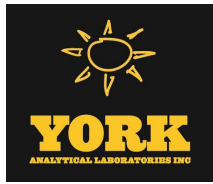
Polychlorinated Biphenyls (PCB)

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	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:44	NF	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	09/01/2024 08:11	09/03/2024 13:44	NF	
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %	30-140								



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

Polychlorinated Biphenyls (PCB)

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
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %			30-140					

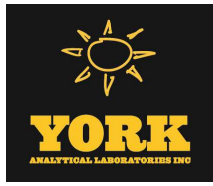
Metals, Target Analyte

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	6730		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-38-2	Arsenic	8.76		mg/kg dry	1.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-39-3	Barium	246		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-41-7	Beryllium	0.138		mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-43-9	Cadmium	2.91		mg/kg dry	0.295	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-70-2	Calcium	20700		mg/kg dry	4.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-47-3	Chromium	20.9		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-48-4	Cobalt	5.38		mg/kg dry	0.393	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-50-8	Copper	489		mg/kg dry	1.97	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7439-89-6	Iron	26900		mg/kg dry	24.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7439-92-1	Lead	1070		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7439-95-4	Magnesium	3890		mg/kg dry	4.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7439-96-5	Manganese	267		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-02-0	Nickel	21.9		mg/kg dry	0.981	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-09-7	Potassium	949		mg/kg dry	4.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL



Sample Information

Client Sample ID: SB-4

York Sample ID: 24H2008-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 10:55 am

08/29/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-23-5	Sodium	186		mg/kg dry	49.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-62-2	Vanadium	22.1		mg/kg dry	0.981	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL
7440-66-6	Zinc	858		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:45	AJL

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	0.0797		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	09/03/2024 13:20	09/04/2024 14:52	DBT

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	2.41		mg/kg dry	0.591	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04	08/30/2024 09:07	08/30/2024 16:22	JAMT

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	08/30/2024 07:38	08/30/2024 15:02	PMB

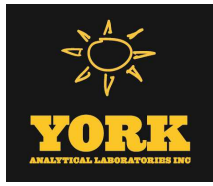
Total Solids

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	84.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/31/2024 08:53	08/31/2024 12:44	HLY



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

Volatile Organics, 8260 - Comprehensive

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	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:31	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
95-63-6	1,2,4-Trimethylbenzene	0.049		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
108-67-8	1,3,5-Trimethylbenzene	0.050		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

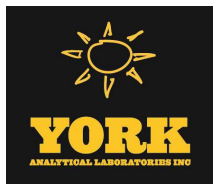
Volatile Organics, 8260 - Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
78-93-3	2-Butanone	0.045		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
67-64-1	Acetone	0.14	ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
107-02-8	Acrolein	0.012	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
71-43-2	Benzene	0.0095		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

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37-05 to 37-27 21 Street

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08/29/2024

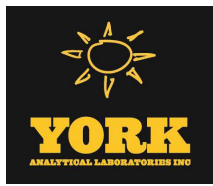
Volatile Organics, 8260 - Comprehensive

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
110-82-7	Cyclohexane	0.051		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
100-41-4	Ethyl Benzene	0.0049	J	mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/30/2024 19:17	08/31/2024 01:31	ME
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	0.040		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/30/2024 19:17	08/31/2024 01:31	ME
108-87-2	Methylcyclohexane	0.046		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
104-51-8	n-Butylbenzene	0.0043	J	mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/30/2024 19:17	08/31/2024 01:31	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
95-47-6	o-Xylene	0.027		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/30/2024 19:17	08/31/2024 01:31	ME
179601-23-1	p- & m- Xylenes	0.052		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/30/2024 19:17	08/31/2024 01:31	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:31	ME



Sample Information

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Volatile Organics, 8260 - Comprehensive

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
98-06-6	tert-Butylbenzene	0.0064		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
108-88-3	Toluene	0.015		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:31	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
1330-20-7	Xylenes, Total	0.078		mg/kg dry	0.0082	0.016	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:31	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	105 %	77-125								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	101 %	85-120								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	106 %	76-130								

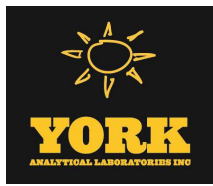
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL



Sample Information

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08/29/2024

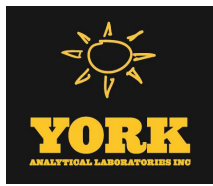
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL



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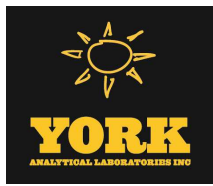
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
56-55-3	Benzo(a)anthracene	0.189		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
50-32-8	Benzo(a)pyrene	0.148		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
205-99-2	Benzo(b)fluoranthene	0.200		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

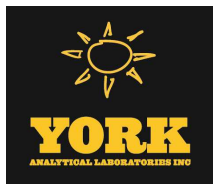
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	0.177		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
207-08-9	Benzo(k)fluoranthene	0.0762	J	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
218-01-9	Chrysene	0.162		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
53-70-3	Dibenzo(a,h)anthracene	0.0551	J	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	09/03/2024 12:59	09/04/2024 10:12	LL



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

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37-05 to 37-27 21 Street

Soil

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Semi-Volatiles, 8270 - Comprehensive

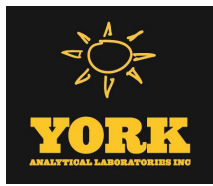
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	0.281		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:12	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.195	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
85-01-8	Phenanthrene	0.125		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:12	LL
129-00-0	Pyrene	0.285	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 10:12	LL

Surrogate Recoveries	Result	Acceptance Range
367-12-4 Surrogate: SURR: 2-Fluorophenol	43.5 %	20-108
13127-88-3 Surrogate: SURR: Phenol-d6	46.2 %	23-114
4165-60-0 Surrogate: SURR: Nitrobenzene-d5	60.5 %	22-108
321-60-8 Surrogate: SURR: 2-Fluorobiphenyl	61.8 %	21-113



Sample Information

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37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	93.6 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	64.5 %			24-116						

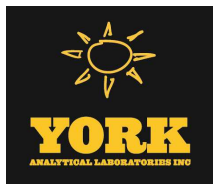
Pesticides, EPA TCL List

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
50-29-3	4,4'-DDT	0.00267		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
57-74-9	Chlordane, total	0.00669		mg/kg dry	0.00358	0.00358	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	09/01/2024 08:11	09/03/2024 12:48	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB



Sample Information

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Soil

August 28, 2024 11:20 am

08/29/2024

Pesticides, EPA TCL List

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
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00895	0.00895	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.0905	0.0905	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 12:48	SCB
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	73.2 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	49.8 %	30-140								

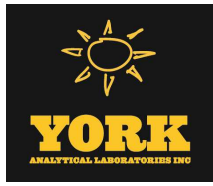
Polychlorinated Biphenyls (PCB)

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	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
12672-29-6	Aroclor 1248	0.0592		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
11096-82-5	Aroclor 1260	0.0458		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:57	NF	
1336-36-3	* Total PCBs	0.105		mg/kg dry	0.0181	1	EPA 8082A Certifications:	09/01/2024 08:11	09/03/2024 13:57	NF	
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	44.0 %	30-140								



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

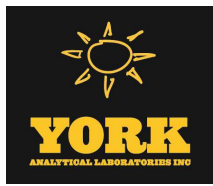
Metals, Target Analyte

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	6840		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-38-2	Arsenic	5.01		mg/kg dry	1.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-39-3	Barium	418		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-43-9	Cadmium	0.432		mg/kg dry	0.274	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-70-2	Calcium	51100		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-47-3	Chromium	17.2		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-48-4	Cobalt	5.85		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-50-8	Copper	37.2		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7439-89-6	Iron	14300		mg/kg dry	22.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7439-92-1	Lead	898		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7439-95-4	Magnesium	2670		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7439-96-5	Manganese	453		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-02-0	Nickel	18.4		mg/kg dry	0.909	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-09-7	Potassium	1850		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-23-5	Sodium	201		mg/kg dry	45.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:48	AJL



Sample Information

Client Sample ID: SB-1

York Sample ID: 24H2008-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 11:20 am

08/29/2024

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
7440-62-2	Vanadium	23.3		mg/kg dry	0.909	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	355		mg/kg dry	2.27	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.518		mg/kg dry	0.0329	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	0.701		mg/kg dry	0.548	1	EPA 7196A	08/30/2024 09:07	08/30/2024 16:22	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04		

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	08/30/2024 07:38	08/30/2024 15:02	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

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	91.3		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

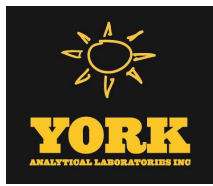
24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

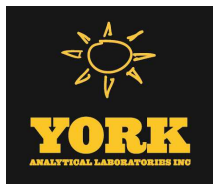
Volatile Organics, 8260 - Comprehensive

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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:57	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

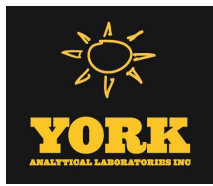
Volatile Organics, 8260 - Comprehensive

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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
67-64-1	Acetone	0.017	ICVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

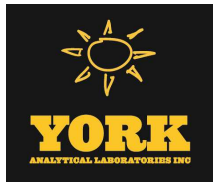
Volatile Organics, 8260 - Comprehensive

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

Volatile Organics, 8260 - Comprehensive

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
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 01:57	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/30/2024 19:17	08/31/2024 01:57	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 01:57	ME

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	98.2 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %	76-130

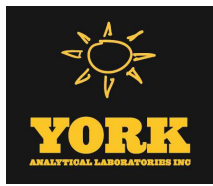
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

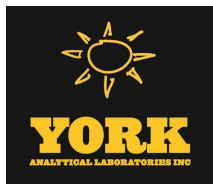
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

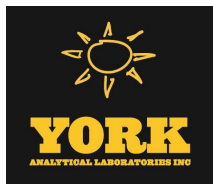
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
62-53-3	Aniline	ND		mg/kg dry	0.195	0.391	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.391	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

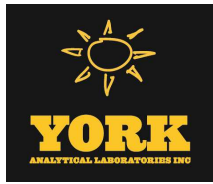
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL



Sample Information

Client Sample ID: SB-3

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

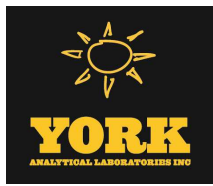
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	09/03/2024 12:59	09/04/2024 10:41	LL
206-44-0	Fluoranthene	0.0631	J	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 10:41	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL
129-00-0	Pyrene	0.0694	J, CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 10:41	LL



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.0 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	53.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.9 %			24-116						

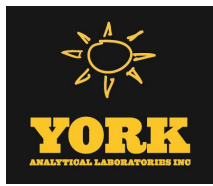
Pesticides, EPA TCL List

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.00385	0.00385	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	09/01/2024 08:11	09/03/2024 13:01	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB



Sample Information

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

Pesticides, EPA TCL List

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00962	0.00962	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.0973	0.0973	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:01	SCB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	62.9 %			30-140						

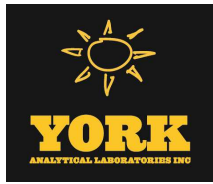
Polychlorinated Biphenyls (PCB)

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:11	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	09/01/2024 08:11	09/03/2024 14:11	NF



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

Polychlorinated Biphenyls (PCB)

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
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	89.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	47.0 %								

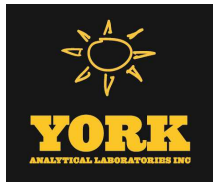
Metals, Target Analyte

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	6970		mg/kg dry	4.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-38-2	Arsenic	6.10		mg/kg dry	1.47	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-39-3	Barium	160		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-43-9	Cadmium	0.672		mg/kg dry	0.294	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-70-2	Calcium	14000		mg/kg dry	4.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-47-3	Chromium	17.0		mg/kg dry	0.491	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-48-4	Cobalt	8.29		mg/kg dry	0.392	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-50-8	Copper	54.7		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7439-89-6	Iron	19900		mg/kg dry	24.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7439-92-1	Lead	766		mg/kg dry	0.491	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7439-95-4	Magnesium	3260		mg/kg dry	4.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7439-96-5	Manganese	370		mg/kg dry	0.491	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-02-0	Nickel	21.1		mg/kg dry	0.977	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-09-7	Potassium	3530		mg/kg dry	4.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:51	AJL



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:00 pm

08/29/2024

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
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-23-5	Sodium	263		mg/kg dry	49.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-62-2	Vanadium	20.8		mg/kg dry	0.977	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL
7440-66-6	Zinc	237		mg/kg dry	2.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:51	AJL

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	0.0886		mg/kg dry	0.0353	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	08/31/2024 08:45	09/03/2024 14:01	DRS

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	0.589	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044	08/30/2024 09:07	08/30/2024 16:22	JAMT

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	0.589	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 07:38	08/30/2024 15:02	PMB

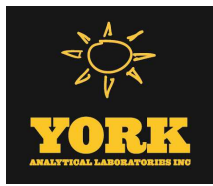
Total Solids

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	84.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/31/2024 08:53	08/31/2024 12:44	HLY



Sample Information

Client Sample ID: SB-3

York Sample ID: 24H2008-03

<u>York Project (SDG) No.</u> 24H2008	<u>Client Project ID</u> 37-05 to 37-27 21 Street	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 28, 2024 12:00 pm	<u>Date Received</u> 08/29/2024
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Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

<u>York Project (SDG) No.</u> 24H2008	<u>Client Project ID</u> 37-05 to 37-27 21 Street	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 28, 2024 12:30 pm	<u>Date Received</u> 08/29/2024
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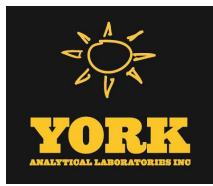
Volatile Organics, 8260 - Comprehensive

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	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
96-18-4	1,2,3-Trichloropropane	0.15		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	09/01/2024 12:27	09/01/2024 19:43	ME
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
95-63-6	1,2,4-Trimethylbenzene	58		mg/kg dry	1.7	3.3	500	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/03/2024 15:31	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

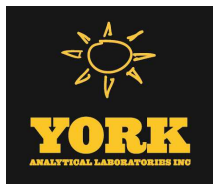
Volatile Organics, 8260 - Comprehensive

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
108-67-8	1,3,5-Trimethylbenzene	18		mg/kg dry	0.33	0.66	100	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/03/2024 15:03	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
78-93-3	2-Butanone	0.016		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
67-64-1	Acetone	0.040	CCVE, ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
107-02-8	Acrolein	0.063	CCVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
71-43-2	Benzene	0.087		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

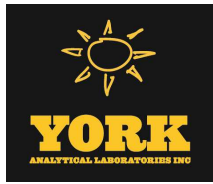
Volatile Organics, 8260 - Comprehensive

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
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
110-82-7	Cyclohexane	7.0		mg/kg dry	0.33	0.66	100	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/03/2024 15:03	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
100-41-4	Ethyl Benzene	0.38		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
98-82-8	Isopropylbenzene	0.063		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	0.018		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
108-87-2	Methylcyclohexane	4.6		mg/kg dry	0.33	0.66	100	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/03/2024 15:03	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
104-51-8	n-Butylbenzene	4.5		mg/kg dry	0.33	0.66	100	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/03/2024 15:03	ME
103-65-1	n-Propylbenzene	0.18		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
95-47-6	o-Xylene	1.7		mg/kg dry	0.33	0.66	100	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/03/2024 15:03	ME
179601-23-1	p- & m- Xylenes	14		mg/kg dry	0.66	1.3	100	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/03/2024 15:03	ME



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

Volatile Organics, 8260 - Comprehensive

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
99-87-6	p-Isopropyltoluene	0.40		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/01/2024 12:27	09/01/2024 19:43	ME
135-98-8	sec-Butylbenzene	0.071		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/01/2024 12:27	09/01/2024 19:43	ME
100-42-5	Styrene	0.0083		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/01/2024 12:27	09/01/2024 19:43	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/01/2024 12:27	09/01/2024 19:43	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
108-88-3	Toluene	0.040		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/01/2024 12:27	09/01/2024 19:43	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
110-57-6	* trans-1,4-dichloro-2-butene	0.0041	J	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	09/01/2024 12:27	09/01/2024 19:43	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/01/2024 12:27	09/01/2024 19:43	ME
1330-20-7	Xylenes, Total	16		mg/kg dry	0.99	2.0	100	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/01/2024 12:27	09/03/2024 15:03	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	115 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	93.1 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	76-130								

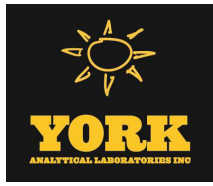
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

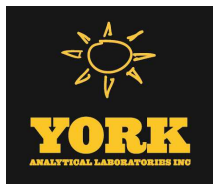
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
91-57-6	2-Methylnaphthalene	1.68		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

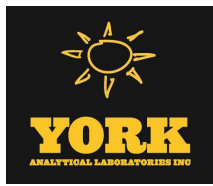
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
83-32-9	Acenaphthene	0.148		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
208-96-8	Acenaphthylene	0.290		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
120-12-7	Anthracene	0.491		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL



Sample Information

Client Sample ID: SB-2

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

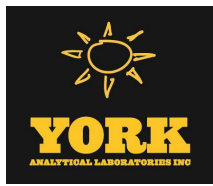
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
56-55-3	Benzo(a)anthracene	1.92		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
50-32-8	Benzo(a)pyrene	1.24		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
205-99-2	Benzo(b)fluoranthene	2.43		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
191-24-2	Benzo(g,h,i)perylene	1.20		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
207-08-9	Benzo(k)fluoranthene	1.03		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
117-81-7	Bis(2-ethylhexyl)phthalate	1.71		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
86-74-8	Carbazole	0.131		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
218-01-9	Chrysene	1.66		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
53-70-3	Dibenzo(a,h)anthracene	0.339		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:11	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

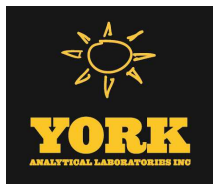
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	09/03/2024 12:59	09/04/2024 11:11	LL
206-44-0	Fluoranthene	2.86		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
86-73-7	Fluorene	0.161		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:11	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
193-39-5	Indeno(1,2,3-cd)pyrene	1.49	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
91-20-3	Naphthalene	1.06		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
85-01-8	Phenanthrene	1.81		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL



Sample Information

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37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
129-00-0	Pyrene	2.60	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:11	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.6 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	37.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	57.6 %			24-116						

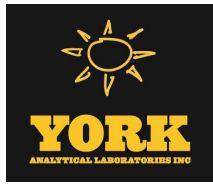
Pesticides, EPA TCL List

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.00359	0.00359	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	09/01/2024 08:11	09/03/2024 13:15	SCB



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

Pesticides, EPA TCL List

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00898	0.00898	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.0908	0.0908	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:15	SCB

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	71.7 %									
2051-24-3	Surrogate: Decachlorobiphenyl	43.6 %									

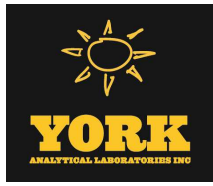
Polychlorinated Biphenyls (PCB)

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	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF
12672-29-6	Aroclor 1248	0.101	P	mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 23:42	NF



Sample Information

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August 28, 2024 12:30 pm

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Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	0.0690		mg/kg dry	0.0181	1	EPA 8082A	09/01/2024 08:11	09/03/2024 23:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	* Total PCBs	0.170	P	mg/kg dry	0.0181	1	EPA 8082A	09/01/2024 08:11	09/03/2024 23:42	NF
							Certifications:			
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: <i>Tetrachloro-m-xylene</i>	58.0 %	30-140							
2051-24-3	Surrogate: <i>Decachlorobiphenyl</i>	35.5 %	30-140							

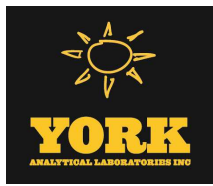
Metals, Target Analyte

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	4640		mg/kg dry	4.58	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	6.25		mg/kg dry	2.29	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	Arsenic	43.4		mg/kg dry	1.37	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	1470		mg/kg dry	2.29	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	0.093		mg/kg dry	0.046	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	26.5		mg/kg dry	0.275	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	Calcium	4260		mg/kg dry	4.58	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	69.7		mg/kg dry	0.458	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	6.13		mg/kg dry	0.366	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	681		mg/kg dry	1.83	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	151000		mg/kg dry	229	10	EPA 6010D	09/04/2024 14:44	09/05/2024 16:18	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	2680		mg/kg dry	0.458	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	1830		mg/kg dry	4.58	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	768		mg/kg dry	0.458	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	98.4		mg/kg dry	0.912	1	EPA 6010D	09/04/2024 14:44	09/05/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	682		mg/kg dry	4.58	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7782-49-2	Selenium	7.46		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7440-23-5	Sodium	259		mg/kg dry	45.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7440-28-0	Thallium	4.22		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7440-62-2	Vanadium	33.7		mg/kg dry	0.912	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:55	AJL
7440-66-6	Zinc	6670		mg/kg dry	22.8	10	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 16:18	AJL

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	2.23		mg/kg dry	0.0330	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	08/31/2024 08:45	09/03/2024 14:01	DRS

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	4.26		mg/kg dry	0.549	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04	08/30/2024 09:07	08/30/2024 16:22	JAMT

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	0.989		mg/kg dry	0.549	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	08/30/2024 07:38	08/30/2024 15:02	PMB

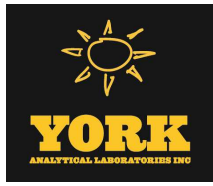
Total Solids

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
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Sample Information

Client Sample ID: SB-2

York Sample ID: 24H2008-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:30 pm

08/29/2024

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	91.0		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY	
							Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

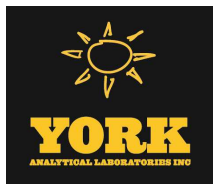
Volatile Organics, 8260 - Comprehensive

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	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							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	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D	08/30/2024 19:17	08/31/2024 02:48	ME
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

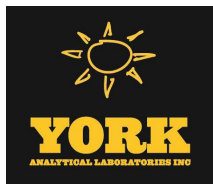
Volatile Organics, 8260 - Comprehensive

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.078	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

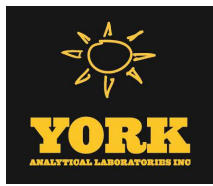
Volatile Organics, 8260 - Comprehensive

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
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

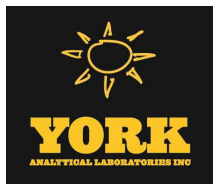
Volatile Organics, 8260 - Comprehensive

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
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 19:17	08/31/2024 02:48	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/30/2024 19:17	08/31/2024 02:48	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 19:17	08/31/2024 02:48	ME



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

Volatile Organics, 8260 - Comprehensive

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
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.8 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

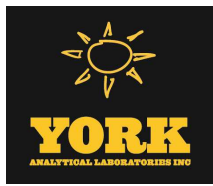
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

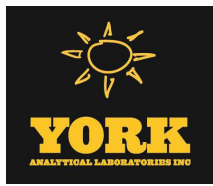
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
91-57-6	2-Methylnaphthalene	0.0835	J	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
208-96-8	Acenaphthylene	0.0955		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

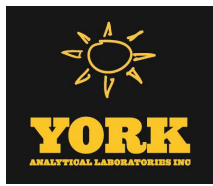
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
120-12-7	Anthracene	0.110		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
56-55-3	Benzo(a)anthracene	0.289		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
50-32-8	Benzo(a)pyrene	0.227		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
205-99-2	Benzo(b)fluoranthene	0.350		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
191-24-2	Benzo(g,h,i)perylene	0.235		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
207-08-9	Benzo(k)fluoranthene	0.349		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:59	09/04/2024 11:41	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

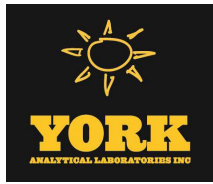
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
218-01-9	Chrysene	0.286		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
53-70-3	Dibenzo(a,h)anthracene	0.0617	J	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	09/03/2024 12:59	09/04/2024 11:41	LL
206-44-0	Fluoranthene	0.372		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 12:59	09/04/2024 11:41	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.236	CCVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
91-20-3	Naphthalene	0.0474	J	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
85-01-8	Phenanthrene	0.261		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
129-00-0	Pyrene	0.456	CCVE	mg/kg dry	0.0471	0.0941	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:59	09/04/2024 11:41	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	49.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	105 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.2 %	24-116								

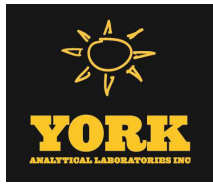
Pesticides, EPA TCL List

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

Pesticides, EPA TCL List

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
57-74-9	Chlordane, total	ND		mg/kg dry	0.00371	0.00371	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	09/01/2024 08:11	09/03/2024 13:28	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00927	0.00927	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.0939	0.0939	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 13:28	SCB

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	78.9 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	61.7 %	30-140

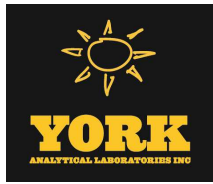
Polychlorinated Biphenyls (PCB)

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	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

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24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

Polychlorinated Biphenyls (PCB)

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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/01/2024 08:11	09/03/2024 14:38	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	09/01/2024 08:11	09/03/2024 14:38	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	80.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %	30-140							

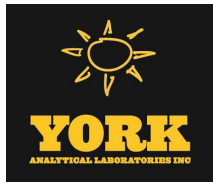
Metals, Target Analyte

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	8400		mg/kg dry	4.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-38-2	Arsenic	22.1		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-39-3	Barium	448		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-43-9	Cadmium	1.93		mg/kg dry	0.284	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-70-2	Calcium	23600		mg/kg dry	4.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-47-3	Chromium	34.7		mg/kg dry	0.473	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-48-4	Cobalt	9.31		mg/kg dry	0.378	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 14:44	09/05/2024 11:58	AJL



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

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
7440-50-8	Copper	100		mg/kg dry	1.89	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7439-89-6	Iron	40800		mg/kg dry	23.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7439-92-1	Lead	969		mg/kg dry	0.473	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7439-95-4	Magnesium	6000		mg/kg dry	4.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7439-96-5	Manganese	640		mg/kg dry	0.473	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-02-0	Nickel	41.5		mg/kg dry	0.942	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-09-7	Potassium	1990		mg/kg dry	4.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-22-4	Silver	ND		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-23-5	Sodium	370		mg/kg dry	47.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-62-2	Vanadium	20.7		mg/kg dry	0.942	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL
7440-66-6	Zinc	866		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/04/2024 14:44	09/05/2024 11:58	AJL

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	0.719		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	08/31/2024 08:45	09/03/2024 14:01	DRS

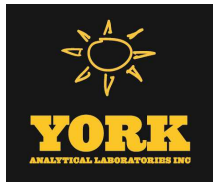
Chromium, Hexavalent

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	0.568	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04	09/03/2024 09:32	09/03/2024 17:33	JAMT



Sample Information

Client Sample ID: SB-2-2

York Sample ID: 24H2008-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2008

37-05 to 37-27 21 Street

Soil

August 28, 2024 12:50 pm

08/29/2024

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	0.568	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 07:38	08/30/2024 15:02	PMB

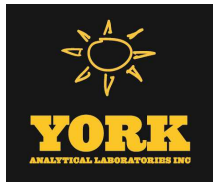
Total Solids

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	88.1		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/31/2024 08:53	08/31/2024 12:44	HLY



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H2008-01	SB-4	40mL Vial with Stir Bar-Cool 4° C
24H2008-02	SB-1	40mL Vial with Stir Bar-Cool 4° C
24H2008-03	SB-3	40mL Vial with Stir Bar-Cool 4° C
24H2008-04	SB-2	40mL Vial with Stir Bar-Cool 4° C
24H2008-05	SB-2-2	40mL Vial with Stir Bar-Cool 4° C



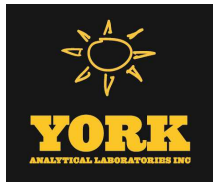
Sample and Data Qualifiers Relating to This Work Order

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.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
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 current NELAC/TNI 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.



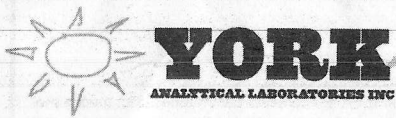
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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 Project Number

24H2008

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

Page 1 of 1

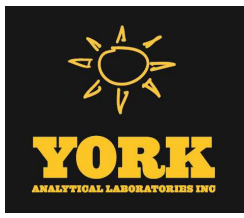
Report To:		Invoice To:		YOUR Project Name / Number				Samples Collected From				Turn-Around Time		
Company: <i>Athenia Inv Svc.</i>		Company: <i>Same</i>		37-05 to 37-27 th Street				NY <input checked="" type="checkbox"/>		CT <input type="checkbox"/>		Other: (please specify)		RUSH - Next Day
Address: <i>37-33 31st Street 2nd Astoria, NY 11106</i>		Address:						NJ <input type="checkbox"/>		PA <input type="checkbox"/>				RUSH - Two Day
Phone: <i>718-784-7490</i>		Phone:		24-132-1426				Analyses Requested				RUSH - Three Day		
Contact: <i>Ken Wenz</i>		Contact: <i>Albert Smith</i>										RUSH - Four Day		
E-mail: <i>labresults@athenia.com</i>		E-mail: <i>accounting@athenia.com</i>		Preservative (please list number of containers)				<i>Td VOCs, TCL Slugs, Pesticides, PCBs, TAL Metals, Hexavalent Cr, Total Cyanide</i>				RUSH - Five Day <input checked="" type="checkbox"/>		
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.		Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other										Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio.) Trizma Ammonium Acetate Other: <i>DI water</i>		
				Samples Collected by: (print AND sign your name) <i>Ahmed Shaheen</i>		G/C		RUSH - PFAS Standard 7-10 Day <input checked="" type="checkbox"/>						
Sample Identification		Date	Time	Matrix									Report Type (circle)	
<i>SB-4</i>		<i>8/28/24</i>	<i>10:55</i>	<i>S</i>									<input checked="" type="radio"/> QA Report	
<i>SB-1</i>		<i>↓</i>	<i>11:20</i>	<i>↓</i>									Summary (Results Only)	
<i>SB-3</i>		<i>↓</i>	<i>12:00</i>	<i>↓</i>									NY ASP B Package	
<i>SB-2</i>		<i>↓</i>	<i>12:30</i>	<i>↓</i>									NJ Reduced	
<i>SB-2-2</i>		<i>↓</i>	<i>12:50</i>	<i>↓</i>									NJ DKQP	
													NJ Full	
													CT RCP	
													EDD Type (circle)	
													EQUIS (standard)	
													NYSDEC EQUIS	
													NJDEP SRP Haz Site	
													Standard Excel	
													CMDP	
													Other:	
													Regulatory Comparative	
													Compared to the following Regulation(s): (please fill in)	
													Field Filtered	
													Lab Filtered	

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N
 COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N
 Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: ~~Y~~ / N

1. Samples Relinquished by / Company <i>Ahmed / Athenia</i>	Date/Time <i>8/29/24</i>	1. Samples Received by / Company <i>Albert Colitti</i>	Date/Time <i>8/29/24 10:50</i>	2. Samples Relinquished by / Company <i>Albert Colitti</i>	Date/Time <i>8/29/24 12:00</i>
2. Samples Received by / Company <i>NY 8/29/24 12:00 4.25</i>	Date/Time <i>8/29/24</i>	3. Samples Relinquished by / Company <i>NY 8/29/24</i>	Date/Time <i>17:00</i>	3. Samples Received by / Company <i>Ramon Duran</i>	Date/Time <i>8/29/24 17:00</i>
4. Samples Relinquished by / Company <i>Ramon Duran</i>	Date/Time <i>8/29/24 19:40</i>	4. Samples Received by / Company	Date/Time	Samples Received in LAB by <i>Amavaro</i>	Date/Time <i>8/29/24 19:40</i>



Technical Report

prepared for:

Athenica Environmental Services, Inc.

31-33 31st Street 2nd Floor,

Astoria NY, 11106

Attention: Ken Wenz

Report Date: 09/06/2024

Client Project ID: 24-132-1426 37-05 to 37-27 21st Street

York Project (SDG) No.: 24H2169

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/06/2024
Client Project ID: 24-132-1426 37-05 to 37-27 21st Street
York Project (SDG) No.: 24H2169

Athenica Environmental Services, Inc.
31-33 31st Street 2nd Floor,
Astoria NY, 11106
Attention: Ken Wenz

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 August 30, 2024 and listed below. The project was identified as your project: **24-132-1426 37-05 to 37-27 21st Street**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H2169-01	TW-1	Ground Water	08/30/2024	08/30/2024
24H2169-02	TW-2	Ground Water	08/30/2024	08/30/2024
24H2169-03	TW-3	Ground Water	08/30/2024	08/30/2024

General Notes for York Project (SDG) No.: 24H2169

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

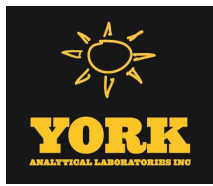
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/06/2024





Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

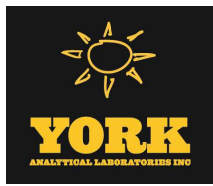
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
95-63-6	1,2,4-Trimethylbenzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
78-87-5	1,2-Dichloropropane	0.22	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

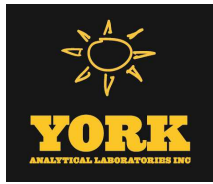
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
67-64-1	Acetone	1.1	J	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

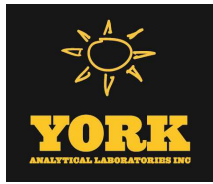
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	0.33	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	09/04/2024 08:00	09/04/2024 16:08	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	09/04/2024 08:00	09/04/2024 16:08	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:08	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:08	FO

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	98.3 %	69-130
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	99.4 %	81-117
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	103 %	79-122

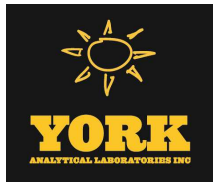
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

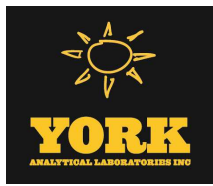
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
95-48-7	2-Methylphenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

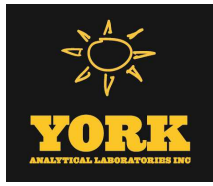
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
100-02-7	4-Nitrophenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
83-32-9	Acenaphthene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
98-86-2	Acetophenone	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
62-53-3	Aniline	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
120-12-7	Anthracene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
1912-24-9	Atrazine	ND		ug/L	0.510	0.510	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
100-52-7	Benzaldehyde	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
92-87-5	Benzidine	ND		ug/L	10.2	20.4	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

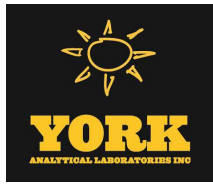
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
65-85-0	Benzoic acid	ND		ug/L	25.5	51.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.510	0.510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
105-60-2	Caprolactam	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
86-74-8	Carbazole	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
218-01-9	Chrysene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
132-64-9	Dibenzofuran	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

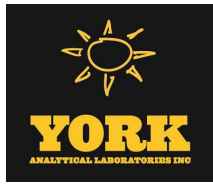
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
122-39-4	* Diphenylamine	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications:	09/05/2024 08:43	09/06/2024 11:42	LL
206-44-0	Fluoranthene	0.204		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
86-73-7	Fluorene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 11:42	LL
118-74-1	Hexachlorobenzene	ND		ug/L	0.0204	0.0204	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
87-68-3	Hexachlorobutadiene	ND		ug/L	0.510	0.510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
67-72-1	Hexachloroethane	ND		ug/L	0.510	0.510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
78-59-1	Isophorone	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
91-20-3	Naphthalene	0.245		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
98-95-3	Nitrobenzene	ND		ug/L	0.255	0.255	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.510	0.510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
87-86-5	Pentachlorophenol	ND		ug/L	0.255	0.255	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
85-01-8	Phenanthrene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
108-95-2	Phenol	ND		ug/L	2.55	5.10	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL
129-00-0	Pyrene	ND		ug/L	0.0510	0.0510	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 11:42	LL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.0 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	22.6 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	95.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	110 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.2 %			30.7-106						

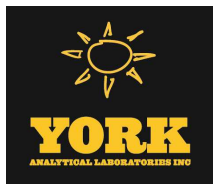
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:56	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.6 %	30-150							

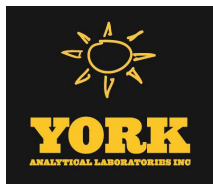
Polychlorinated Biphenyls (PCB)

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:27	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/05/2024 08:36	09/05/2024 20:27	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %	30-120							

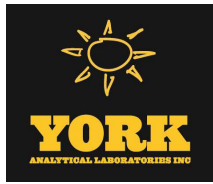
Metals, Target Analyte, ICP

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	0.671		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-39-3	Barium	0.529		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-70-2	Calcium	404		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7439-89-6	Iron	0.805		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7439-92-1	Lead	0.0855		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7439-95-4	Magnesium	18.7		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7439-96-5	Manganese	0.360		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-09-7	Potassium	14.9	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-23-5	Sodium	67.0	M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

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
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR
7440-66-6	Zinc	0.259		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:54	AGNR

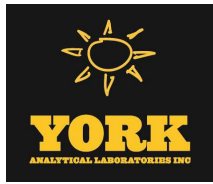
Metals, Target Analyte, ICP Dissolved

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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-39-3	Barium	0.334		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-70-2	Calcium	124	M-BS	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7439-95-4	Magnesium	18.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7439-96-5	Manganese	0.0956		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-09-7	Potassium	13.8		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-23-5	Sodium	62.5	M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL
7440-66-6	Zinc	0.0565		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:08	AJL



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 10:40 am

08/30/2024

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw
7440-38-2	Arsenic	2.38		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw
7440-43-9	Cadmium	0.617	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:07	cw

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw
7782-49-2	Selenium	3.30		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:46	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

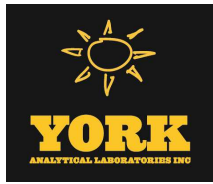
Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0040		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 15:14	09/04/2024 15:14	PFA

Mercury, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H2169-01

<u>York Project (SDG) No.</u> 24H2169	<u>Client Project ID</u> 24-132-1426 37-05 to 37-27 21st Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> August 30, 2024 10:40 am	<u>Date Received</u> 08/30/2024
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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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/06/2024 08:28	09/06/2024 08:28	PFA

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 21:17	08/30/2024 21:41	SL

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	0.0370		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2014 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/03/2024 15:21	09/03/2024 19:52	SL

Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

<u>York Project (SDG) No.</u> 24H2169	<u>Client Project ID</u> 24-132-1426 37-05 to 37-27 21st Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> August 30, 2024 12:00 pm	<u>Date Received</u> 08/30/2024
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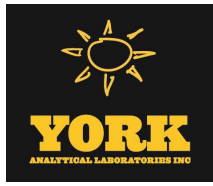
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

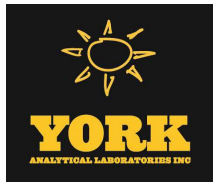
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
67-64-1	Acetone	II		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

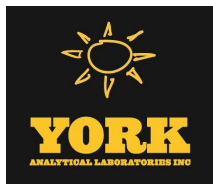
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
74-87-3	Chloromethane	0.94		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

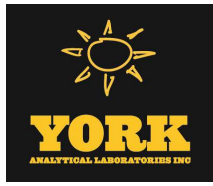
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
98-82-8	Isopropylbenzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	09/04/2024 08:00	09/04/2024 16:34	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	09/04/2024 08:00	09/04/2024 16:34	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	09/04/2024 08:00	09/04/2024 16:34	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 16:34	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 16:34	FO
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	101 %			69-130						
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	99.7 %			81-117						
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	105 %			79-122						

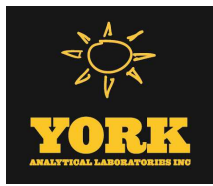
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

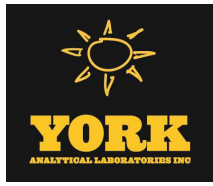
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
95-48-7	2-Methylphenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

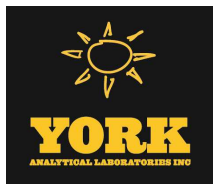
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
100-02-7	4-Nitrophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
83-32-9	Acenaphthene	0.294		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
98-86-2	Acetophenone	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
62-53-3	Aniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
120-12-7	Anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
1912-24-9	Atrazine	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
100-52-7	Benzaldehyde	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
92-87-5	Benzidine	ND		ug/L	11.3	22.6	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
65-85-0	Benzoic acid	ND		ug/L	28.2	56.5	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

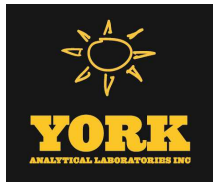
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
105-60-2	Caprolactam	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
86-74-8	Carbazole	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
218-01-9	Chrysene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
132-64-9	Dibenzofuran	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
122-39-4	* Diphenylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications:	09/05/2024 08:43	09/06/2024 12:13	LL
206-44-0	Fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
86-73-7	Fluorene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:13	LL
118-74-1	Hexachlorobenzene	ND		ug/L	0.0226	0.0226	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
87-68-3	Hexachlorobutadiene	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
78-59-1	Isophorone	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
91-20-3	Naphthalene	0.271		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
98-95-3	Nitrobenzene	ND		ug/L	0.282	0.282	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
87-86-5	Pentachlorophenol	ND		ug/L	0.282	0.282	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
85-01-8	Phenanthrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
108-95-2	Phenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL
129-00-0	Pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:13	LL

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	47.4 %	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	26.0 %	10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	93.0 %	50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	101 %	39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	120 %	39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.9 %	30.7-106

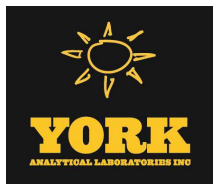
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

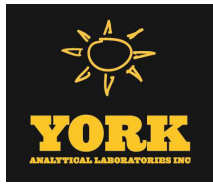
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:13	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	40.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.2 %	30-150							

Polychlorinated Biphenyls (PCB)

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:41	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/05/2024 08:36	09/05/2024 20:41	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	36.5 %	30-120							

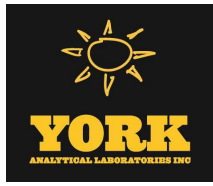
Metals, Target Analyte, ICP

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	6.40		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 22:59	AGNR



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

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
7440-39-3	Barium	0.775		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-70-2	Calcium	204		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-47-3	Chromium	0.0127		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-48-4	Cobalt	0.0108		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-50-8	Copper	0.166		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7439-89-6	Iron	8.70		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7439-92-1	Lead	3.26		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7439-95-4	Magnesium	22.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7439-96-5	Manganese	0.925		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-02-0	Nickel	0.0146		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-09-7	Potassium	10.2	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-23-5	Sodium	59.2	M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-62-2	Vanadium	0.0422		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR
7440-66-6	Zinc	0.762		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 22:59	AGNR

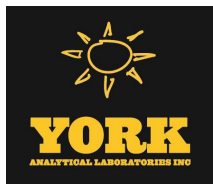
Metals, Target Analyte, ICP Dissolved

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	0.107		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-39-3	Barium	0.211		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-70-2	Calcium	101	M-BS	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:13	AJL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

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
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7439-95-4	Magnesium	15.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7439-96-5	Manganese	0.103		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-09-7	Potassium	9.21		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-23-5	Sodium	58.7	M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL
7440-66-6	Zinc	0.0375		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:13	AJL

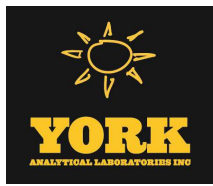
Metals, Target Analyte, ICPMS

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw
7440-38-2	Arsenic	4.46		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw
7440-41-7	Beryllium	0.677	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw
7440-43-9	Cadmium	1.53	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw
7782-49-2	Selenium	8.86	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

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
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:10	cw

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:50	cw

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	0.0029		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 15:14	09/04/2024 15:14	PFA

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	0.0002		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/06/2024 08:28	09/06/2024 08:28	PFA

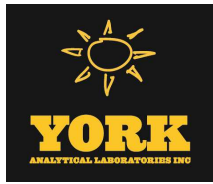
Chromium, Hexavalent

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 21:17	08/30/2024 21:41	SL



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H2169-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 12:00 pm

08/30/2024

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5, Cyanide, total, ND, mg/L, 0.0100, 1, SM 4500 CN C-2016 / E-2014, 09/04/2024 14:41, 09/04/2024 20:28, SL

Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

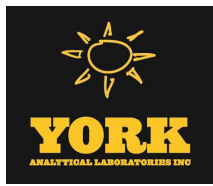
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

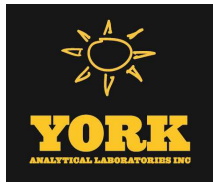
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
67-64-1	Acetone	1.9	J	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

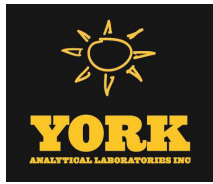
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

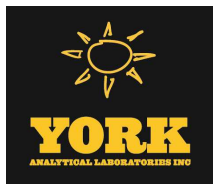
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	09/04/2024 08:00	09/04/2024 17:01	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	09/04/2024 08:00	09/04/2024 17:01	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/04/2024 08:00	09/04/2024 17:01	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/04/2024 08:00	09/04/2024 17:01	FO

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.8 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						

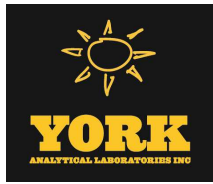
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

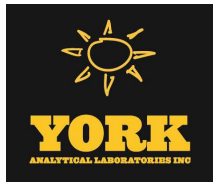
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
91-58-7	2-Chloronaphthalene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
95-57-8	2-Chlorophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
91-57-6	2-Methylnaphthalene	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
95-48-7	2-Methylphenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
88-74-4	2-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
88-75-5	2-Nitrophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
99-09-2	3-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
106-47-8	4-Chloroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
100-02-7	4-Nitrophenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
83-32-9	Acenaphthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

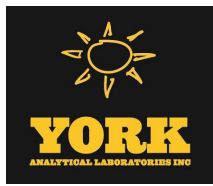
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
62-53-3	Aniline	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
120-12-7	Anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
1912-24-9	Atrazine	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
100-52-7	Benzaldehyde	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
92-87-5	Benzidine	ND		ug/L	11.3	22.6	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
65-85-0	Benzoic acid	ND		ug/L	28.2	56.5	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
100-51-6	Benzyl alcohol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
105-60-2	Caprolactam	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

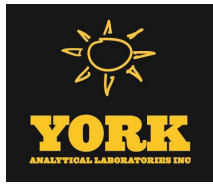
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
218-01-9	Chrysene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
132-64-9	Dibenzofuran	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
84-66-2	Diethyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
131-11-3	Dimethyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
122-39-4	* Diphenylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications:	09/05/2024 08:43	09/06/2024 12:44	LL
206-44-0	Fluoranthene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
86-73-7	Fluorene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/05/2024 08:43	09/06/2024 12:44	LL
118-74-1	Hexachlorobenzene	ND		ug/L	0.0226	0.0226	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
87-68-3	Hexachlorobutadiene	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
67-72-1	Hexachloroethane	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
78-59-1	Isophorone	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
91-20-3	Naphthalene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
98-95-3	Nitrobenzene	ND		ug/L	0.282	0.282	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.565	0.565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
87-86-5	Pentachlorophenol	ND		ug/L	0.282	0.282	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
85-01-8	Phenanthrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
108-95-2	Phenol	ND		ug/L	2.82	5.65	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
129-00-0	Pyrene	ND		ug/L	0.0565	0.0565	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:43	09/06/2024 12:44	LL
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.0 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	23.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	99.6 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	89.9 %			30.7-106						

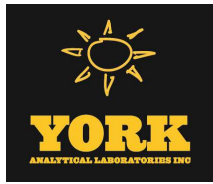
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 21:31	RJ

Surrogate Recoveries

Result

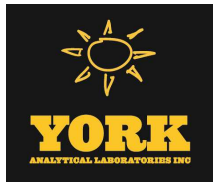
Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	38.8 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	63.8 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

<u>York Project (SDG) No.</u> 24H2169	<u>Client Project ID</u> 24-132-1426 37-05 to 37-27 21st Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> August 30, 2024 11:40 am	<u>Date Received</u> 08/30/2024
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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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/05/2024 08:36	09/05/2024 20:55	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	09/05/2024 08:36	09/05/2024 20:55	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %	30-120

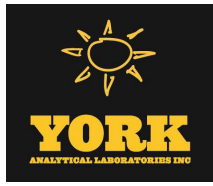
Metals, Target Analyte, ICP

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	8.40		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-39-3	Barium	0.558		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-70-2	Calcium	199		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-47-3	Chromium	0.0221		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-48-4	Cobalt	0.0183		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-50-8	Copper	1.23		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7439-89-6	Iron	20.7		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR
7439-92-1	Lead	3.72		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 12:52	09/04/2024 23:02	AGNR



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

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
7439-95-4	Magnesium	30.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7439-96-5	Manganese	0.947		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-02-0	Nickel	0.0540		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-09-7	Potassium	24.8	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-23-5	Sodium	71.6	M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-62-2	Vanadium	0.0539		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR
7440-66-6	Zinc	2.65		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 12:52	09/04/2024 23:02	AGNR

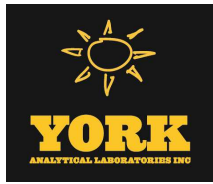
Metals, Target Analyte, ICP Dissolved

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	0.0602		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-39-3	Barium	0.145		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-70-2	Calcium	124	M-BS	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7439-95-4	Magnesium	13.0		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL
7439-96-5	Manganese	0.175		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/05/2024 09:27	09/06/2024 13:17	AJL



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

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
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-09-7	Potassium	24.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-23-5	Sodium	73.3	M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL
7440-66-6	Zinc	0.117		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:27	09/06/2024 13:17	AJL

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	9.21	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw
7440-38-2	Arsenic	7.24		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw
7440-41-7	Beryllium	0.903	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw
7440-43-9	Cadmium	4.59	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw
7782-49-2	Selenium	20.4	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:38	09/05/2024 16:14	cw

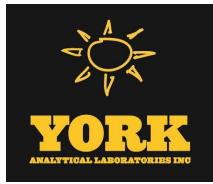
Metals, Target Analyte, ICPMS Dissolved

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	12.7	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw
7440-38-2	Arsenic	1.37		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H2169-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2169

24-132-1426 37-05 to 37-27 21st Street

Ground Water

August 30, 2024 11:40 am

08/30/2024

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
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw
7782-49-2	Selenium	9.02		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/05/2024 09:31	09/05/2024 16:53	cw

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	0.0090		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/04/2024 08:42	09/04/2024 08:42	PFA

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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/06/2024 08:28	09/06/2024 08:28	PFA

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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 21:17	08/30/2024 21:41	SL

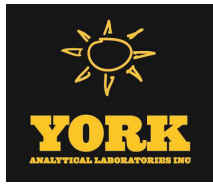
Cyanide, Total

Log-in Notes:

Sample Notes:

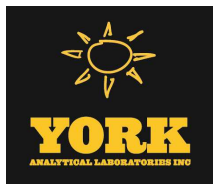
Sample Prepared by Method: Analysis Preparation

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-2014 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	09/04/2024 14:41	09/04/2024 20:28	SL



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H2169-01	TW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H2169-02	TW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H2169-03	TW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

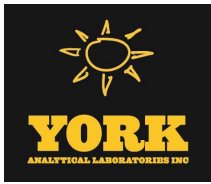
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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).
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 current NELAC/TNI 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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 2442169

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>Athenica Env. Svcs</u>		Company: _____		Company: _____		37-05 to 37-27		RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>	
Address: <u>31-33 31st Street</u>		Address: _____		Address: <u>same</u>		21 st Street		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary _____	
Phone No. <u>218-784-7490</u>		Phone No. _____		Phone No. _____				RUSH - Two Day <input type="checkbox"/>		CT RCP Package _____	
Contact Person: <u>Ken Wenz</u>		Attention: _____		Attention: <u>Albert Smith</u>				RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg _____	
E-Mail Address: <u>lab results@athenica.com</u>		E-Mail Address: _____		E-Mail Address: <u>accounting@athenica.com</u>				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package _____	
						Purchase Order No. <u>24-132-1426</u>		Standard (5-7 Days) <input type="checkbox"/>		NY ASP B Package _____	
						Samples from: CT _____ NY <input checked="" type="checkbox"/> NJ _____		Rush - 5 days <input checked="" type="checkbox"/>		NJDEP Red. Deliv. _____	

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/Authorized By (Signature)
Ahmed Shaheen
Name (printed)

- Matrix Codes
- S - soil
 - Other - specify (oil, etc.)
 - WW - wastewater
 - GW - groundwater
 - DW - drinking water
 - Air-A - ambient air
 - Air-SV - soil vapor

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624 Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list 524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No. Inerts/Furns	BTU/lb.
Arom. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog. only NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list	SPLP or TCLP	608 PCB		Helium	TAGM	Silica

- Electronic Data Deliverables (EDD)**
- Simple Excel _____
 - NYSDEC EQulS _____
 - EQulS (std) _____
 - EZ-EDD (EQulS) _____
 - NJDEP SRP HazSite EDD _____
 - GIS/KEY (std) _____
 - Other _____
 - York Regulatory Comparison _____
 - Excel Spreadsheet _____
 - Compare to the following Regs. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
TW-1	8/30/24 10:40	GW	} <u>TCL VOCs, SVOCs, Pesticides, PCBs,</u> } <u>TAL metals, dissolved metals</u> } <u>Hexavalent Chromium, total cyanide</u>	
TW-2	8/30/24 12:00			
TW-3	8/30/24 11:40			

Comments _____

Preservation: 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____

Check those Applicable: ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: Field Filtered Lab to Filter

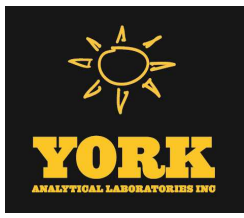
Samples Relinquished By: Ahmed / Athenica Date/Time: 8/30/24 15:10

Samples Relinquished By: _____ Date/Time: 8/30/24 20:05

Samples Received By: [Signature] Date/Time: 8/30/24 15:10

Samples Received in LAB by: [Signature] Date/Time: 8/30/24 20:05

Temperature on Receipt: 5.4°C



Technical Report

prepared for:

Athenica Environmental Services, Inc.

31-33 31st Street 2nd Floor,

Astoria NY, 11106

Attention: Ken Wenz

Report Date: 09/09/2024

Client Project ID: 24-132-1426 37-05 to 37-27 21st Street

York Project (SDG) No.: 24H2173

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 24-132-1426 37-05 to 37-27 21st Street
York Project (SDG) No.: 24H2173

Athenica Environmental Services, Inc.
31-33 31st Street 2nd Floor,
Astoria NY, 11106
Attention: Ken Wenz

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 August 30, 2024 and listed below. The project was identified as your project: **24-132-1426 37-05 to 37-27 21st Street**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H2173-01	SV-1	Soil Vapor	08/30/2024	08/30/2024
24H2173-02	SV-2	Soil Vapor	08/30/2024	08/30/2024
24H2173-03	SV-3	Soil Vapor	08/30/2024	08/30/2024
24H2173-04	SV-4	Soil Vapor	08/30/2024	08/30/2024
24H2173-05	IA-1	Indoor Ambient Air	08/30/2024	08/30/2024
24H2173-06	IA-2	Indoor Ambient Air	08/30/2024	08/30/2024

General Notes for York Project (SDG) No.: 24H2173

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

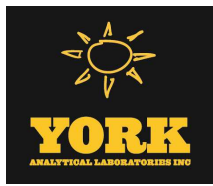
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/09/2024





Sample Information

Client Sample ID: SV-1

York Sample ID: 24H2173-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2173	24-132-1426 37-05 to 37-27 21st Street	Soil Vapor	August 30, 2024 11:15 am	08/30/2024

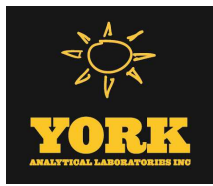
Volatile Organics, EPA TO15 Full List

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/m ³	1.1	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.89	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.89	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.66	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
95-63-6	1,2,4-Trimethylbenzene	1.2		ug/m ³	0.80	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.98	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.66	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.75	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.80	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.98	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.75	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24H2173-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:15 am

08/30/2024

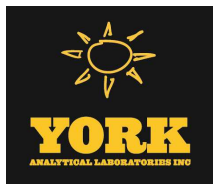
Volatile Organics, EPA TO15 Full List

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
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.98	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
540-84-1	* 2,2,4-Trimethylpentane	0.61		ug/m ³	0.38	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
78-93-3	2-Butanone	6.7	B	ug/m ³	0.48	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.5	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
108-10-1	4-Methyl-2-pentanone	2.2		ug/m ³	0.66	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
67-64-1	Acetone	50	B	ug/m ³	0.77	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.35	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
71-43-2	Benzene	ND		ug/m ³	0.52	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.84	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-25-2	Bromoform	ND		ug/m ³	1.7	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
74-83-9	Bromomethane	ND		ug/m ³	0.63	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-15-0	Carbon disulfide	1.9		ug/m ³	0.51	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
56-23-5	Carbon tetrachloride	0.61		ug/m ³	0.26	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.75	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-00-3	Chloroethane	ND		ug/m ³	0.43	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
67-66-3	Chloroform	ND		ug/m ³	0.79	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
74-87-3	Chloromethane	0.74		ug/m ³	0.34	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24H2173-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:15 am

08/30/2024

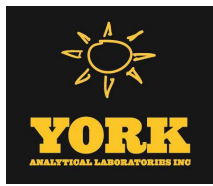
Volatile Organics, EPA TO15 Full List

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.74	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
110-82-7	Cyclohexane	ND		ug/m ³	0.56	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.80	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
100-41-4	Ethyl Benzene	2.5		ug/m ³	0.70	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
67-63-0	Isopropanol	5.1		ug/m ³	0.80	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.66	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.59	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-09-2	Methylene chloride	1.2		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
91-20-3	* Naphthalene	ND		ug/m ³	1.7	1.623	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
142-82-5	n-Heptane	1.5		ug/m ³	0.67	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
110-54-3	n-Hexane	ND		ug/m ³	0.57	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
95-47-6	o-Xylene	3.3		ug/m ³	0.70	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
179601-23-1	p- & m- Xylenes	10		ug/m ³	1.4	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
622-96-8	* p-Ethyltoluene	1.0		ug/m ³	0.80	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
115-07-1	* Propylene	0.67		ug/m ³	0.28	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
100-42-5	Styrene	1.5		ug/m ³	0.69	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24H2173-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:15 am

08/30/2024

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
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.1	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.96	1.623	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 13:06	LT
108-88-3	Toluene	16		ug/m ³	0.61	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.64	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.74	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
79-01-6	Trichloroethylene	ND		ug/m ³	0.22	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.91	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
108-05-4	Vinyl acetate	ND		ug/m ³	0.57	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.71	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.21	1.623	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 13:06	LT

Sample Information

Client Sample ID: SV-2

York Sample ID: 24H2173-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 12:30 pm

08/30/2024

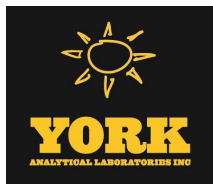
Volatile Organics, EPA TO15 Full List

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/m ³	11	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H2173-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 12:30 pm

08/30/2024

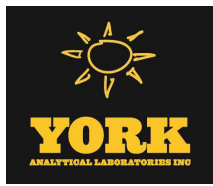
Volatile Organics, EPA TO15 Full List

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.3	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
123-91-1	1,4-Dioxane	170		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
540-84-1	* 2,2,4-Trimethylpentane	14		ug/m ³	3.7	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
78-93-3	2-Butanone	69	B	ug/m ³	4.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H2173-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 12:30 pm

08/30/2024

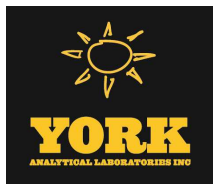
Volatile Organics, EPA TO15 Full List

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
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
108-10-1	4-Methyl-2-pentanone	16		ug/m ³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
67-64-1	Acetone	1300	B	ug/m ³	7.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
107-13-1	Acrylonitrile	27		ug/m ³	3.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
71-43-2	Benzene	10		ug/m ³	5.1	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
100-44-7	Benzyl chloride	ND		ug/m ³	8.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-25-2	Bromoform	ND		ug/m ³	16	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
74-83-9	Bromomethane	ND		ug/m ³	6.1	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-15-0	Carbon disulfide	120		ug/m ³	4.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-00-3	Chloroethane	ND		ug/m ³	4.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
67-66-3	Chloroform	39		ug/m ³	7.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
74-87-3	Chloromethane	ND		ug/m ³	3.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
156-59-2	cis-1,2-Dichloroethylene	1.9		ug/m ³	1.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
110-82-7	Cyclohexane	7.1		ug/m ³	5.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H2173-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 12:30 pm

08/30/2024

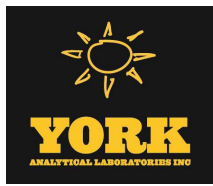
Volatile Organics, EPA TO15 Full List

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/m ³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
100-41-4	Ethyl Benzene	25		ug/m ³	6.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
67-63-0	Isopropanol	59		ug/m ³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	5.7		ug/m ³	5.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
91-20-3	* Naphthalene	ND		ug/m ³	17	15.83	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
142-82-5	n-Heptane	14		ug/m ³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
110-54-3	n-Hexane	7.8		ug/m ³	5.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
95-47-6	o-Xylene	26		ug/m ³	6.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
179601-23-1	p- & m- Xylenes	90		ug/m ³	14	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.8	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
115-07-1	* Propylene	21		ug/m ³	2.7	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
100-42-5	Styrene	ND		ug/m ³	6.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
127-18-4	Tetrachloroethylene	6400		ug/m ³	21	31.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 16:30	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.3	15.83	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 02:42	LT
108-88-3	Toluene	98		ug/m ³	6.0	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 02:42	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H2173-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 12:30 pm

08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane (Freon 11), Vinyl acetate, Vinyl bromide, and Vinyl Chloride.

Sample Information

Client Sample ID: SV-3

York Sample ID: 24H2173-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:50 am

08/30/2024

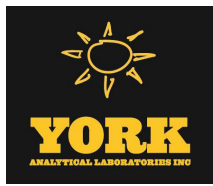
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, and 1,1-Dichloroethylene.



Sample Information

Client Sample ID: SV-3

York Sample ID: 24H2173-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:50 am

08/30/2024

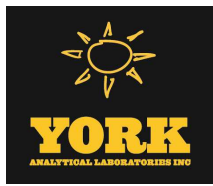
Volatile Organics, EPA TO15 Full List

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.1	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.2	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
123-91-1	1,4-Dioxane	130	ICVE	ug/m ³	11	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.6	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
78-93-3	2-Butanone	20	B	ug/m ³	4.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
67-64-1	Acetone	460	B	ug/m ³	7.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24H2173-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:50 am

08/30/2024

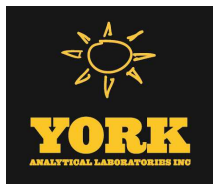
Volatile Organics, EPA TO15 Full List

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
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
71-43-2	Benzene	ND		ug/m ³	4.9	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-25-2	Bromoform	ND		ug/m ³	16	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-15-0	Carbon disulfide	ND		ug/m ³	4.8	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
67-66-3	Chloroform	9.0		ug/m ³	7.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
156-59-2	cis-1,2-Dichloroethylene	3.0		ug/m ³	1.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-71-8	Dichlorodifluoromethane	47		ug/m ³	7.6	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
100-41-4	Ethyl Benzene	32		ug/m ³	6.6	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24H2173-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:50 am

08/30/2024

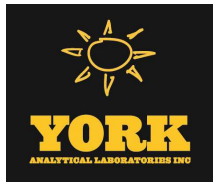
Volatile Organics, EPA TO15 Full List

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
67-63-0	Isopropanol	27		ug/m ³	7.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
91-20-3	* Naphthalene	ND		ug/m ³	16	15.29	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
142-82-5	n-Heptane	11		ug/m ³	6.3	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
110-54-3	n-Hexane	ND		ug/m ³	5.4	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
95-47-6	o-Xylene	42		ug/m ³	6.6	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
179601-23-1	p- & m- Xylenes	130		ug/m ³	13	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.5	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
115-07-1	* Propylene	3.4		ug/m ³	2.6	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
100-42-5	Styrene	ND		ug/m ³	6.5	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
127-18-4	Tetrachloroethylene	1100		ug/m ³	10	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.29	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 08:14	LT
108-88-3	Toluene	7.5		ug/m ³	5.8	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.1	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
79-01-6	Trichloroethylene	22		ug/m ³	2.1	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.6	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24H2173-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:50 am

08/30/2024

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
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
593-60-2	Vinyl bromide	ND		ug/m ³	6.7	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.29	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 08:14	LT

Sample Information

Client Sample ID: SV-4

York Sample ID: 24H2173-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:49 am

08/30/2024

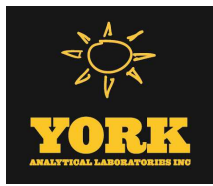
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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	2.0		ug/m ³	2.0	2.924	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 18:46	LT
71-55-6	1,1,1-Trichloroethane	2.4		ug/m ³	1.6	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
79-34-5	1,1,2,2-Tetrachloroethane	2.2		ug/m ³	2.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.2		ug/m ³	2.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
79-00-5	1,1,2-Trichloroethane	1.6		ug/m ³	1.6	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-35-4	1,1-Dichloroethylene	0.81		ug/m ³	0.29	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
120-82-1	1,2,4-Trichlorobenzene	2.2		ug/m ³	2.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
95-63-6	1,2,4-Trimethylbenzene	10		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
106-93-4	1,2-Dibromoethane	2.2		ug/m ³	2.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
95-50-1	1,2-Dichlorobenzene	1.9		ug/m ³	1.8	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24H2173-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:49 am

08/30/2024

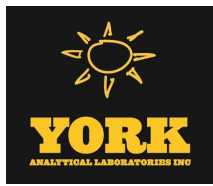
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
78-87-5	1,2-Dichloropropane	1.9		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
108-67-8	1,3,5-Trimethylbenzene	4.3		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	1.9	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
541-73-1	1,3-Dichlorobenzene	1.9		ug/m ³	1.8	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.4	2.924	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 18:46	LT
106-46-7	1,4-Dichlorobenzene	2.5		ug/m ³	1.8	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
123-91-1	1,4-Dioxane	35	ICVE	ug/m ³	2.1	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
540-84-1	* 2,2,4-Trimethylpentane	6.6		ug/m ³	0.68	2.924	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 18:46	LT
78-93-3	2-Butanone	20	B	ug/m ³	0.86	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
591-78-6	* 2-Hexanone	3.4		ug/m ³	2.4	2.924	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 18:46	LT
107-05-1	3-Chloropropene	ND		ug/m ³	4.6	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
108-10-1	4-Methyl-2-pentanone	5.9		ug/m ³	1.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
67-64-1	Acetone	200	B	ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
107-13-1	Acrylonitrile	2.0		ug/m ³	0.63	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
71-43-2	Benzene	3.0		ug/m ³	0.93	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
100-44-7	Benzyl chloride	ND		ug/m ³	1.5	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-27-4	Bromodichloromethane	2.2		ug/m ³	2.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-25-2	Bromoform	ND		ug/m ³	3.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24H2173-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:49 am

08/30/2024

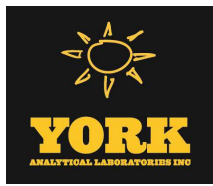
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
74-83-9	Bromomethane	ND		ug/m ³	1.1	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-15-0	Carbon disulfide	2.5		ug/m ³	0.91	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
56-23-5	Carbon tetrachloride	3.1	TO-LC S-H	ug/m ³	0.46	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
108-90-7	Chlorobenzene	1.6		ug/m ³	1.3	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-00-3	Chloroethane	ND		ug/m ³	0.77	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
67-66-3	Chloroform	2.6		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
74-87-3	Chloromethane	ND		ug/m ³	0.60	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
156-59-2	cis-1,2-Dichloroethylene	2.8		ug/m ³	0.29	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
10061-01-5	cis-1,3-Dichloropropylene	1.3		ug/m ³	1.3	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
110-82-7	Cyclohexane	13		ug/m ³	1.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
124-48-1	Dibromochloromethane	2.5		ug/m ³	2.5	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
141-78-6	* Ethyl acetate	22		ug/m ³	2.1	2.924	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 18:46	LT
100-41-4	Ethyl Benzene	34		ug/m ³	1.3	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
87-68-3	Hexachlorobutadiene	4.1	TO-LC S-H	ug/m ³	3.1	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
67-63-0	Isopropanol	74		ug/m ³	1.4	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
80-62-6	Methyl Methacrylate	11		ug/m ³	1.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.1	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
75-09-2	Methylene chloride	4.4		ug/m ³	2.0	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
91-20-3	* Naphthalene	9.2	TO-LC S-H	ug/m ³	3.1	2.924	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT
142-82-5	n-Heptane	16		ug/m ³	1.2	2.924	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 18:46	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24H2173-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Soil Vapor

August 30, 2024 11:49 am

08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include n-Hexane, o-Xylene, p- & m- Xylenes, p-Ethyltoluene, Propylene, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane (Freon 11), Vinyl acetate, Vinyl bromide, Vinyl Chloride.

Sample Information

Client Sample ID: IA-1

York Sample ID: 24H2173-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:17 am

08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

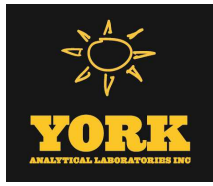
Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: IA-1

York Sample ID: 24H2173-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

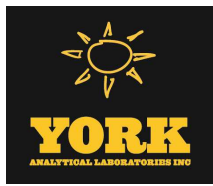
Indoor Ambient Air

August 30, 2024 11:17 am

08/30/2024

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/m ³	0.53	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.43	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.53	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.60	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.43	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.32	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.077	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.58	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
95-63-6	1,2,4-Trimethylbenzene	1.2		ug/m ³	0.38	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.60	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.47	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.32	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.36	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.54	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
108-67-8	1,3,5-Trimethylbenzene	0.38		ug/m ³	0.38	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	0.52	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.47	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.36	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.47	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	0.56	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT



Sample Information

Client Sample ID: IA-1

York Sample ID: 24H2173-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:17 am

08/30/2024

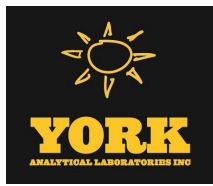
Volatile Organics, EPA TO15 Full List

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	4.8		ug/m ³	0.18	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
78-93-3	2-Butanone	6.2	B	ug/m ³	0.23	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
591-78-6	* 2-Hexanone	2.5		ug/m ³	0.64	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
108-10-1	4-Methyl-2-pentanone	1.5		ug/m ³	0.32	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
67-64-1	Acetone	3000	B	ug/m ³	14	29.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 19:26	LT
107-13-1	Acrylonitrile	6.5		ug/m ³	0.17	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
71-43-2	Benzene	3.4		ug/m ³	0.25	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.40	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	0.52	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-25-2	Bromoform	ND		ug/m ³	0.81	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
74-83-9	Bromomethane	ND		ug/m ³	0.30	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.24	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
56-23-5	Carbon tetrachloride	0.64	TO-LC S-H	ug/m ³	0.12	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.36	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
67-66-3	Chloroform	ND		ug/m ³	0.38	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
74-87-3	Chloromethane	0.82		ug/m ³	0.16	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.077	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT



Sample Information

Client Sample ID: IA-1

York Sample ID: 24H2173-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:17 am

08/30/2024

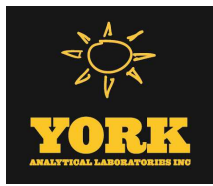
Volatile Organics, EPA TO15 Full List

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
110-82-7	Cyclohexane	1.5		ug/m ³	0.27	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	0.66	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.39	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
141-78-6	* Ethyl acetate	1.2		ug/m ³	0.56	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
100-41-4	Ethyl Benzene	1.9		ug/m ³	0.34	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.83	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
67-63-0	Isopropanol	6.0		ug/m ³	0.38	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.32	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.28	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-09-2	Methylene chloride	0.84		ug/m ³	0.54	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
91-20-3	* Naphthalene	1.0	TO-LC S-H	ug/m ³	0.82	0.779	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
142-82-5	n-Heptane	61		ug/m ³	0.32	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
110-54-3	n-Hexane	2.6		ug/m ³	0.27	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
95-47-6	o-Xylene	2.4		ug/m ³	0.34	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
179601-23-1	p- & m- Xylenes	6.6		ug/m ³	0.68	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
622-96-8	* p-Ethyltoluene	1.1		ug/m ³	0.38	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
115-07-1	* Propylene	2.7		ug/m ³	0.13	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
100-42-5	Styrene	0.63		ug/m ³	0.33	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
127-18-4	Tetrachloroethylene	3.1		ug/m ³	0.53	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.46	0.779	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 09:39	LT
108-88-3	Toluene	14		ug/m ³	0.29	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT



Sample Information

Client Sample ID: IA-1

York Sample ID: 24H2173-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:17 am

08/30/2024

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.31	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
79-01-6	Trichloroethylene	ND		ug/m ³	0.10	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.6	TO-LC S-H	ug/m ³	0.44	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
108-05-4	Vinyl acetate	ND		ug/m ³	0.27	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.34	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.779	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 09:39	LT

Sample Information

Client Sample ID: IA-2

York Sample ID: 24H2173-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:49 am

08/30/2024

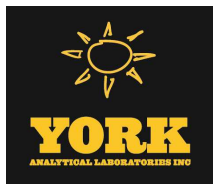
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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/m ³	0.53	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.42	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.53	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.59	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.42	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.31	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT



Sample Information

Client Sample ID: IA-2

York Sample ID: 24H2173-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:49 am

08/30/2024

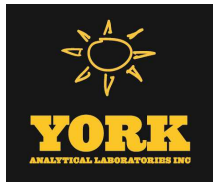
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.077	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.57	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
95-63-6	1,2,4-Trimethylbenzene	4.4		ug/m ³	0.38	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.59	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.47	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.31	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.36	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.54	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
108-67-8	1,3,5-Trimethylbenzene	1.5		ug/m ³	0.38	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	0.51	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.47	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.36	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.47	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	0.56	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
540-84-1	* 2,2,4-Trimethylpentane	5.6		ug/m ³	0.18	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
78-93-3	2-Butanone	43	B	ug/m ³	0.23	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	0.63	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
108-10-1	4-Methyl-2-pentanone	7.1		ug/m ³	0.32	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT



Sample Information

Client Sample ID: IA-2

York Sample ID: 24H2173-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:49 am

08/30/2024

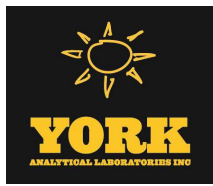
Volatile Organics, EPA TO15 Full List

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
67-64-1	Acetone	400	B	ug/m ³	2.8	5.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 20:07	LT
107-13-1	Acrylonitrile	3.4		ug/m ³	0.17	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
71-43-2	Benzene	0.99		ug/m ³	0.25	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.40	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	0.52	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-25-2	Bromoform	ND		ug/m ³	0.80	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
74-83-9	Bromomethane	ND		ug/m ³	0.30	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.24	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
56-23-5	Carbon tetrachloride	0.63	TO-LC S-H	ug/m ³	0.12	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.36	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
67-66-3	Chloroform	0.45		ug/m ³	0.38	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
74-87-3	Chloromethane	0.90		ug/m ³	0.16	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.077	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
110-82-7	Cyclohexane	1.0		ug/m ³	0.27	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	0.66	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-71-8	Dichlorodifluoromethane	3.0		ug/m ³	0.38	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
141-78-6	* Ethyl acetate	21		ug/m ³	0.56	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
100-41-4	Ethyl Benzene	14		ug/m ³	0.34	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT



Sample Information

Client Sample ID: IA-2

York Sample ID: 24H2173-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:49 am

08/30/2024

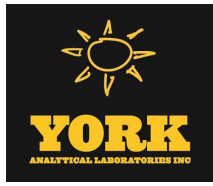
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.83	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
67-63-0	Isopropanol	22		ug/m ³	0.38	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.32	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.28	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-09-2	Methylene chloride	1.4		ug/m ³	0.54	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
91-20-3	* Naphthalene	ND		ug/m ³	0.81	0.774	EPA TO-15 Certifications: NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
142-82-5	n-Heptane	12		ug/m ³	0.32	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
110-54-3	n-Hexane	4.0		ug/m ³	0.27	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
95-47-6	o-Xylene	16		ug/m ³	0.34	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
179601-23-1	p- & m- Xylenes	54		ug/m ³	0.67	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
622-96-8	* p-Ethyltoluene	4.6		ug/m ³	0.38	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
115-07-1	* Propylene	0.69		ug/m ³	0.13	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
100-42-5	Styrene	5.7		ug/m ³	0.33	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
127-18-4	Tetrachloroethylene	1.6		ug/m ³	0.52	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
109-99-9	* Tetrahydrofuran	4.5		ug/m ³	0.46	0.774	EPA TO-15 Certifications:	09/03/2024 08:00	09/05/2024 10:23	LT
108-88-3	Toluene	190		ug/m ³	2.2	5.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 20:07	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.31	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
79-01-6	Trichloroethylene	ND		ug/m ³	0.10	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.7	TO-LC S-H	ug/m ³	0.43	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT



Sample Information

Client Sample ID: IA-2

York Sample ID: 24H2173-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H2173

24-132-1426 37-05 to 37-27 21st Street

Indoor Ambient Air

August 30, 2024 11:49 am

08/30/2024

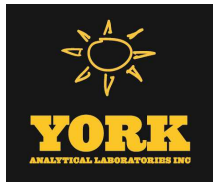
Volatile Organics, EPA TO15 Full List

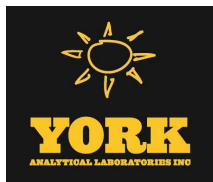
Log-in Notes:

Sample Notes: TO-VAC

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
108-05-4	Vinyl acetate	ND		ug/m ³	0.27	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.34	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.099	0.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/03/2024 08:00	09/05/2024 10:23	LT





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2" Hg. The optimum pressure range for constant flow rate is full vacuum to -2" Hg. Bias is not suspected provided there was constant flow to the can to 75% full.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

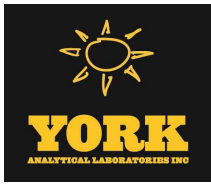
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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 current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct Sample -06 ID.



York Analytical Laboratories, Inc.
 120 Research Drive 132-02 89th Ave Queens,
 Stratford, CT 06615 NY 11418

YORK
 ANALYTICAL LABORATORIES INC

clientservices@yorklab.com
 www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No.
 24H2123

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.
 signature binds you to YORK's Standard Terms & Conditions.

Your Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: <u>Athenia Env. Svcs.</u>		Company:		Company:		24-132-1426		RUSH - Next Day	
Address: <u>31-33 31st Street</u>		Address:		Address: <u>Same</u>				RUSH - Two Day	
Phone: <u>718-706-7690</u>		Phone: <u>Same</u>		Phone: <u>Same</u>				RUSH - Three Day	
Contact: <u>Ken Wenz</u>		Contact:		Contact: <u>Albert Smith</u>		YOUR Project Name		RUSH - Four Day	
E-mail: <u>labresults@athenia.com</u>		E-mail:		E-mail: <u>accounting@athenia.com</u>		<u>37-05 to 37-27</u>		Standard (5-7 Day) <input checked="" type="checkbox"/>	
						<u>21st Street</u>			
						YOUR PO#:			

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) <u>Ahmed Shaheen</u>	Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)
	AI - Indoor Ambient Air	<u>New York</u>	<u>Summary Report</u>	CT RCP	Standard Excel EDD	
	AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
	AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
	Pennsylvania	NY ASP B Package	NJDQKP	NJDEP SRP HazSite		
	AS - Soil Vapor/Sub-Slab	Other:				

Certified Canisters: Batch ___ Individual ___		Please enter the following REQUIRED Field Data					Reporting Units: ug/m ³ ___ 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-1	8/30/24 11:15	AS	-30	-5	36650	17187	TO-15 VOC	
SV-2	12:38	↓	-30	-5	4828	12011	↓	
SV-3	11:50	↓	↓	-5	17352	5120	↓	
SV-4	11:49	↓	↓	-4	18300	16422	↓	
IA-1	11:17	AI	↓	-2	48292	5707	↓	
IA-2	11:49	AI	↓	-6	48290	19608	↓	

Comments:	Detection Limits Required	Sampling Media
	≤ 1 ug/m ³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___	6 Liter Canister <input checked="" type="checkbox"/> Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
<u>Ahmed / Athenia</u>	8/30/24 15:10	<u>[Signature]</u>	8/30/24 15:10	<u>[Signature]</u>	8/30/24 17:23
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
				<u>[Signature]</u> 8/30/24	17:23